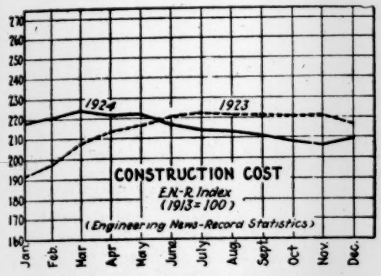
CONSTRUCTION NEWS

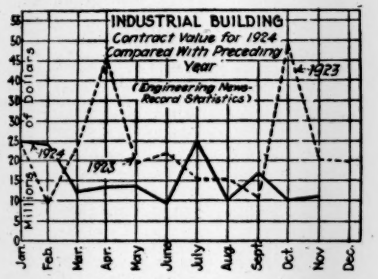
Engineering News-Record, December 11, 1924

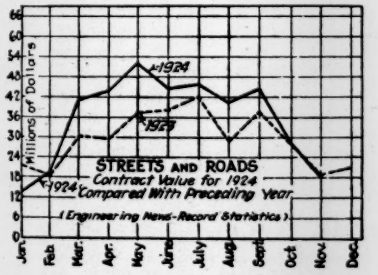
The Construction Barometer

Present Trend Upward in Public Work, Industrial Construction and Large Commercial Buildings

A RISE in cost, however slight, usually produces a commensurate decrease in actual physical volume of construction. This was the case in November, owing to higher cost during the latter part of that month and the first week in December. *E. N.-R.* reports for the week of Dec. 4. however, show a substantial gain in lettings over the last week in November. The present trend is upward in public work, industrial construction and large commercial buildings. The charts show declines for November in most of the principal classifications. Since then the upward trend in industrial work has been maintained in all parts of the country except the Mississippi valley. Bridge construction is more active everywhere except in the states immediately west of the Mississippi. Commercial buildings have gained in the Northeastern states, the Mid-West and the Far West. Streets and roads show improvement in all sections except New England.







Engineering News-Record Statistics

Minimum on waterworks and excavations, $15,000; other public work, $25,000; industrial buildings, $40,000; commercial buildings, $150,000.

VALUE OF LARGE CONTRACTS LET IN THE UNITED STATES.

Week Ended	Public Work	Private Work	Total Contracts
Nov. 20	$10,212,000	$25,429,000	35,641,000
Nov. 27	8,789,000	10,435,000	19,224,000
Dec. 4	10,602,000	20,190,000	30,792,000
3 weeks	$29,603,000	$56,054,000	$85,657,000

LARGE BUILDING CONTRACTS—NUMBER AND VALUE

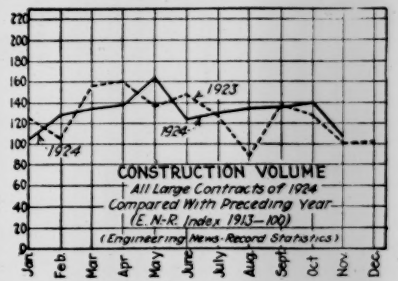
Week Ended	Commercial Public No.	Commercial Public Thousand	Commercial Private No.	Commercial Private Thousand	Industrial No.	Industrial Thousand
Nov. 20	11	2,443	38	12,613	29	3,686
Nov. 27	11	3,823	29	7,977	21	2,330
Dec. 4	16	3,682	34	11,004	28	5,024
3 weeks	38	$9,948	101	$31,594	78	$11,040

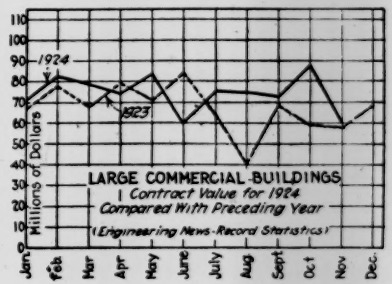
NUMBER OF LARGE JOBS NOW OUT FOR BIDS

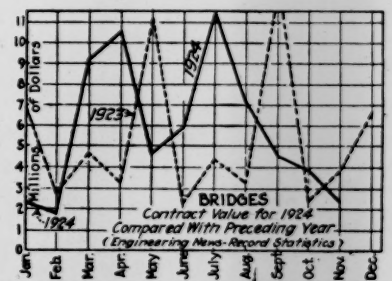
Week Ended	Private	Commercial Buildings	Streets and Roads	Waterworks and Sewers	All Public
Nov. 20	18	35	42	20	144
Nov. 27	17	32	39	28	140
Dec. 4	28	40	50	22	150

STEEL FIRMER AT PITTSBURGH MILLS

	Quoted on Dec. 11 at	Last Price Change Was	On
Structurals, Pittsburgh, 100 lb.	$2.00 @2.10	$1.85 @2.10	Dec. 4
Cement, Chi., net bbl.	2.20	2.10	Jan. 24
Pine, N. Y., M. ft.	55.00	56.00	Oct. 2
Fir, San Fran., M. ft.	29.00	31.00	Oct. 30
Common labor, hr.	.56¼	.56	Nov. 27







Waterworks

PROPOSED WORK

Mass., Somerville (Boston P. O.)—Plans new large storm drain through land of Boston & Maine R.R. and Metropolitan Park Dist. to River from Middlesex Ave., in place of present drainage. J. M. Webster, mayor. $25,000 or more. Engineer not selected.

N. J., Spring Lake—Plans improving waterworks, installing new water softening system and feed water heater. $20,000. Engineer not selected.

Va., Richmond—Plans extending water pipe line to far west end territory. $150,000. J. H. Whitfield, Richmond, engr.

Ia., Clearfield — Postponed indefinitely election $30,000 bonds for waterworks. Henningson Eng. Co., Natl. Bldg., Omaha, Neb., engrs. Noted Oct. 23.

Ia., Sioux City—Plans extending Perry Creek conduit from West 4th St. to Missouri River. $350,000. L. N. Hintgen, city engr.

Mo., Bloomfield—Voted $54,000 bonds waterworks and distribution system, and $21,000 bonds for sanitary sewers, etc. J. P. Davis, Jefferson City, engr. Noted Oct. 2.

Mo., Buffalo — Postponed indefinitely election $45,000 bonds for waterworks. Noted Oct. 30.

Mo., Kansas City—Making plans and takes bids about March 15, steel pipe, lifting station, settling basin, purification and filtration plants, also two tunnels. Fuller & Ma.tland, Walsix Bldg., engrs.

Mo., Poplar Bluff—Making preliminary plans water softening and filtration plant, etc. W. A. Fuller Co., Railway Exch. Bldg., St. Louis, engrs.

Tex., Crawford—Takes bids first of year waterworks, tank, tower and mains. $17,000. Jno. B. Hawley, Cotton Exch. Bldg., Ft. Worth, engr.

Tex., Ft. Worth—Plans extending mains and sewers in various streets. $50,000. S. L. Lewis, city engr.

Tex., Giddings—Election in February $40,000 bonds, for waterworks. Address Mayor. Engineer not selected.

Tex., O'Donnell—Election soon $30,000 bonds extending mains, some additional pumping equipment, etc.

Tex., O'Donnell—Plans election $100,000 bonds waterworks improvements and sewage plant. Engineer not announced. Noted Aug. 14.

Nev., Reno—Lovelock Water Users Assn., made preliminary plans storage reservoir 100 ft. high to impound waters Humboldt River, storage capacity 118,000 acre ft.

Waterworks (Continued)

$750,000. King & Malone, Cheney Bldg., engrs.

Wash., Anacortes — W. B. Short, city engr., plans and soon takes bids 600 ft. 4 x 6 ft. tunnel, for carrying water to city water system.

Que., Quebec — Plans constructing new mains $700,000; also 20 m.g. steel reservoir in Battlefield Park. $100,000. W. D. Baillarge, Quebec, engr.

BIDS DESIRED

Mass., Boston—Dec. 16, by Supply Dept., City Hall, Boston, 2,200 tons 6- to 40-in. c.i. water pipe. F. R. Rock, supt.

N. J., Manasquan — Dec. 23, by Boro. Council, Broad St., extending water distribution system in various streets. Runyon & Carey, 845 Broad St., Newark, consult. engrs.; adv. E. N.-R. Dec. 11.

La., New Orleans—Jan. 26, by Sewerage & Water Bd., 526 Carondelet St., two 1,250 hp. and two 350 hp. motors, also six 24 in. trash pumps. A. G. Moffat, secy.

O., Cincinnati—Dec. 19, by Somrs. Hamilton Co., 25,590 lin.ft. 6 and 8 in. c.i. main, etc., in Water Supply Line 3, Dist. 1, (Madeira), $50,392; 46,900 lin.ft. 6 and 8 in. c.i. mains, etc., in Water Supply Line 6, Dist. 2, (North College Hill-Steele's Subdivision), $110,517. L. C. Boyatt, Court House, engr. Noted Oct. 23.

Wis., Appleton—Dec. 16, by F. R. Morris, asst. secy. Water Comn., three hundred fifty ⅝ in. water meters.

BIDS RECEIVED

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Dec. 6, mains in Rockaway Beach Blvd., here, from Riverdale Waterworks, 355 East 113th St., New York, $217,900. Noted Dec. 4.

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Barkley, Beach and Betts Aves., etc., from Knight & DeMicco, Inc., 448 East Tremont Ave., $29,890. Noted Nov. 27

N. J., Ocean Grove—Ocean Grove Camp Meeting Assn., Nov. 17, 650,000 gal. rein.-con. reservoir, from G. S. Curtis Co., 4001 Woolworth Bldg., New York City, $26,068. Noted Nov. 6.

O., Cincinnati—For 1,450 tons 6- to 20-in. c.i. pipe, and 15 tons 8- to 13-in. special castings, for water distribution system, in North Bend Rd., from U. S. Cast Iron Pipe & Fdry. Co., Addyston, $67,786. Engrs. est. $60,000.

Tex., Albany—See "Streets and Roads."

CONTRACTS AWARDED

Mass., Boston — Dept. Pub. Wks., City Hall, laying and relaying mains in Church St., West Roxbury, Duxbury Rd. in Dorchester, and Glenco St. in Brighton, to DeCristoforo Bros., 38 Glendower Rd., Rosindale. Engrs. est. $15,000. Noted Nov. 27.

R. I., Providence—Water Bd., about 1 mi. of 7.5 ft. circular rein.-con. aqueduct and appurtenances, etc., to Cenedella & Co., School St., Milford, $298,470. Noted Nov. 13.

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Anable, Vandeventer and 9th Aves., etc., here, to Norton & Rigney, Richmond Hill, $38,000; also mains in Manley St., to S. Gallucci, Railroad Ave., Corona, $18,299. Noted Nov. 20.

N. Y., New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Haven, 9th and 3rd Aves., East Service (Riverside Dr.) West 13th, W. 14th, W. 181st and W. 205th Sts., to Beaver Eng. & Contg. Co., 57 Chambers St., $10,664. Noted Dec. 4.

N. C., Oxford — City Comrs. filtering plant, to Tucker & Laxton, Realty Bldg., Charlotte, $68,000.

Fla., Punta Gorda — Mains in various streets, to I. C. Michler, Daytona Beach, $28,650.

O., Cleveland—Cuyahoga Co., 7,000 ft. 6 and 8 in. c.i. mains in Impvt. Dist. 80, to Gantose Constr. Co., Columbia . Bldg., $20,701.

Mich., Detroit — Bd. Water Comrs. had plans prepared and will build 3,947 ft. 6 in. c.i. mains in Evanstone, Hickory, Archdale, Camden and Hampshire Aves.; 1,657 ft. 8 in. c.i. mains in Mendota Blvd., Puritan and Indiana Aves.; 1,895 ft. 12 in. c.i. mains in Harper and Chalmers Aves., by day labor. G. H. Fenkell, 232 East Jefferson Ave., genl. mgr.

Calif., El Centro—J. S. Loofbourow, city clk., one 250,000 gal. elevated steel water tank, to Chicago Bridge & Iron Wks., Rialto Bldg., San Francisco, $18,335. Noted Oct. 30.

Sewers

PROPOSED WORK

Mass., Boston—Dept. Pub. Wks., Sewer Div., plans sewers in Roberts Ave., in West Roxbury; Wilmington Ave., Dorchester Agnes Ave., Hyde Park, and Foster St., in Brighton. $25,000. J. A. Rourke, comr.

Conn., Middletown — Dept. Pub. Wks., plans 40,000 ft. 8- to 10-in. sewers in various streets. $60,000.

Mich., Detroit—Dept. Pub. Wks., making plans 220 ft. 12 in. vitr. sewer in Lateral 4280, 695 ft. 12 and 15 in. vitr. Lateral 4281, 1,485 ft. 12 to 20 in. vitr. Lateral 4283, 8,481 ft. Lateral 4285, and 362 ft. 12 in. Lateral 4286. G. Jerome, City Hall, engr.

Mich., Ferndale—Making plans 4,790 ft. trunk line sewer incl. 500 lin.ft. 27 in., 1,890 ft. 30 in., 750 ft. 24 in., 650 ft. 15 in., 350 ft. 18 in. and 650 ft. 12 in. vitr. pipe. $25,000. G. Jerome, 1331 Majestic Bldg., Detroit, engr.

Mich., Royal Oak—Making plans 10,417 ft. 8 and 10 in. vitr. lateral sewers in Lateral 42, and 6,043 ft. 8 in. vitr. pipe in Lateral 43. Hoad, Decker, Shoecraft & Drury, Ann Arbor, engrs.

Ia., Coin — Takes bids in January for complete sanitary sewerage system, in various streets. $30,000. Henningson Eng. Co., Natl. Bldg., Omaha, Neb., engrs.

Kan., Oxford — Plans 4 mi. sanitary sewers and disposal plant. $40,000. F. E. Devlin, Bitting Bldg., Wichita, engr. Noted Nov. 20.

Kan., Wichita—Takes bids about Jan. 1, vitr. clay sanitary sewers in various districts. $25,000. P. L. Brockway, City Hall, engr.

Neb., Holdredge — See "Streets and Roads."

Neb., Omaha—Plans election $5,000,000 bonds rebuilding sewerage system. H. Beal, City Hall, engr.

Mo., Bloomfield—See "Waterworks."

Tex., Clarendon—Making plans and soon takes bids complete new sewerage system. $52,000. F. E. Devlin, 318 Sedgwick Bldg., Wichita, Kan., engr.

Tex., Crowell—J. E. Kimsey, city secy., making plans and takes bids probably in April sewerage system. $50,000. F. E. Devlin, Bitting Bldg., Wichita, Kan., engr.

Tex., Del Rio—Election Dec. 16, $50,000 bonds sewer improvements. W. F. Easterling, mayor. Engineer not announced.

Tex., Ft. Worth—See "Waterworks."

Tex., Giddings — Election in February $50,000 bonds sewerage system. Address Mayor.

Tex., Lubbock — Plans election $25,000 bonds extending sewerage system. F. R. Friend, mayor.

Tex., O'Donnell—See "Waterworks."

Tex., Paducah—Making plans sewerage system, mains, disposal plant, etc. $40,000 bonds recently voted. Gantt-Baker Co., 116-18 West Main St., Oklahoma City, Okla., engrs.

Tex., Pelly—Black & Sloan, engrs., Stewart Bldg., Houston, c/o City Secretary, Pelly, soon takes bids sewerage system and disposal plant, $50,000.

Calif., Blythe—Making plans sewerage pumping station, incl. rein.-con. sump, two 4 in. electric sewage pumps, switches, wiring, etc., also 12, 18 and 6 in. vitr. sewers. To exceed $25,000.

Calif., Dos Palos—Making plans treatment plant, Imhoff tank with sprinkler filter system to serve 1,000 people, main outfall sewerage system and lateral system. W. E. Bedsen, Merced, engr.

Calif., Glendale—Made plans 13,917 lin. ft. 6 and 8 in. vitr. sewers, etc., in various streets. J. F. Johannsen, city engr.

Calif., Long Beach—Made plans 60,600 lin.ft. 8- to 12-in. cement and 6,400 lin.ft. 18 in. rein.-con. sewers, 230 manholes, etc., in Pump Dist. 6. $150,000. C. F. Smith, City Hall, city sanitary engr.

Que., Grandmere—Making plans clay sewers in 4,000 ft. La Roche, St. Jacques, St. Pierre and Angus Sts. $35,000. J. A. Bernier, town engr.

Ont., Fort William — Plans extending sewers and constructing sewage pumping plant. $45,000. C. B. Symes, city engr.

Ont., Hamilton — Voted $435,000 bonds for storm sewers. Prices wanted on materials. W. L. McFaul, city engr.

BIDS DESIRED

N. Y., Brooklyn—Dec. 17, by E. Riegelmann, boro. pres., Boro Hall, repairing sewers in Hoyt St.; repairing rakes, screens, pumps, etc., in Caisson 2, West 12th St. and Neptune Ave.

N. J., Manasquan — Dec. 23, by Boro. Council, B road St., extending sanitary sewers in various streets Runyon & Carey, 845 Broad St., Newark, consult. engrs.; adv. E. N.-R. Dec. 11.

D. C., Wash.—Dec. 16, by Dist. Comrs., District Bldg., 4,684 lin.ft. sewers in various streets.

Md., Baltimore—Dec. 17, by Bd. Awards, 1,350 ft. 48 and 54 in. rein.-con. drain, paralleled by 8 in. sanitary sewer, in certain streets and rights-of-way secured and unsecured in Dist. H-1, Storm Water Contr. 79; also in Sewer Dist. H-6-1, Sanitary Contr. 216. B. L. Crozier, City Hall, highways engr.

Calif., Tulare—Dec. 17, by City Council, extending storm and sanitary sewerage system, 59,925 lin.ft. 6- to 24-in. pipe, 150 manholes. $125,000. J. P. Williams, city engr.

BIDS RECEIVED

N. Y., Brooklyn—R. Riegelmann, boro. pres., Boro Hall, **(e.e. means engineers estimate)** from Tomasetti & Co., Inc., 133 60th St., sewers in Lefferts Ave. 71.41% e. e. $14,696, Schenck Ave. 68.68% e. e. $12,099; from Coenzo, 678 Glenmore Ave., East 43rd St. 70% e. e. $8,126, 64th St. 72.95% e. e. $5,462, 73rd St. 75% e. e. $3,997, East 48th St. 74% e. e. $2,815; from Tozzi Contg. Co., 136 63rd St., 15th Ave. 69% e. e. $1,400. Noted Nov. 27.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., storm water overflow sewers in 8th Ave. etc., from Muccinni & Decker, **(a)** $194,702, from J. Gallo, 203 Division St., Brooklyn, **(b)** $189,903; also submerged outlet sewer in Nortons Creek, from A. M. Hazell, Inc., 26 Cortlandt St., New York, $13,198. Noted Dec. 4.

N. Y., St. George—J. A. Lynch, pres. Richmond Boro, Boro Hall, Dec. 3, temporary sewers in Vedder Ave., etc., from Hammen Constr. Co., Perth Amboy, N. J., **(A)** $87,862 **(B)** $87,262.

Pa., Phila. — Dept. Pub. Wks., Bureau Surveys, Dec. 4, intercepting sewer along Pennypack Creek, from W. H. Yetman, 601 Lincoln St., $195,285; main sewer in Packer Ave., from C. A. Conan, 140 North 55th St., $321,729.

Maryland—Mayor and City Council, City Hall, Baltimore, Gwynns Run Trunk Drain, Sect. 2, Storm Water Contr. 78, from Consolidated Eng. Co., Calvert Bldg., $45,087; and Sewer Dist. J-4, Storm Water Constr. 77, from D. C. McAleer, Phoenix Bldg., $31,991. Noted Nov. 27.

Md., Baltimore—Mayor and City Council, City Hall, revolving screen building at Sewage Treatment Wks., here, Contr. 201, from Consolidated Eng. Co., Calvert Bldg., $29,289.

Md., Baltimore—Mayor and City Council, automatic control equipment for two electric turbo-generators at Back River Sewage Treatment Wks., from General Electric Co., 1900 Washington Blvd., $8,907. Noted July 17.

Wash., Seattle—Bd. Pub. Wks., Nov. 28, from J. L. Smith, 304 West 36th St., sewer in 20th Ave. from Norman to Prospect St., 23,063 ft. 54 in. lock bar pipe at $1.50 per ft., 12,250 sq.yd. removing paving at $0.55, 21,300 cu.yd. excav. $1.30, etc., total $54,914.

Calif., Los Angeles—Sewers in Colorado Blvd. between Maywood and west city limits, from A. Dalmatin, 841 West 62nd St., $166,000.

CONTRACTS AWARDED

N. Y., New York—J. Miller, pres. Manhattan Boro., Municipal Bldg., sewers in West 219th St., to J. V. Timoney Constr. Co., 220 East 201st St., $3,116. Noted Nov. 27 under "Streets and Roads."

Fla., Punta Gorda—**Storm and sanitary** sewers in various streets, to I. C. Michler, Daytona Beach, $133,199. Noted Oct. 9.

La., Oakdale — Constructing sewerage system, to James Contg. Co., Shreveport. Engrs. est. $35,000.

Ind., Indianapolis—For 5,050 ft. sewer in 30th St., to Columbia Constr. Co., Columbia Ave., $6.60 per ft. Engrs. est. $35,000.

Wis., Milwaukee—Sewerage Comn., 508 Market St., conveyor system in filter and dryer house at Jones Island, to Chain Belt Co., 736 Park St., $91,400. Noted Nov. 20.

Mo., Kansas City — Sewers in Sanitary Sewer Dists. 329, 549 and 550, Dist. 5, to W. C. Mullins Constr. Co., 202 New Nelson Bldg., $24,902.

Bridges

PROPOSED WORK

N. Y., Grand Island—See "Railways under New York."

N. J., Salem—Bd. Freeholders Salem Co. making plans replacing bridge over Salem River, with new concrete and steel struc-

Bridges (Continued)

ture, 30 ft. roadway, 5 ft. sidewalks. $300,000. Strauss Bascule Bridge Co., 225 North Michigan Blvd., Chicago, Ill., engrs.

North Carolina — State Hy. Comn., Raleigh, making plans several rein.-con. bridges and culverts on State Project 223, Duplin Co. $40,000. C. M. Upham, Raleigh, engr.

Alabama, Gadsden — State Hy. Dept., Montgomery, plans bridge over Coosa River, Etawah Co., here. $400,000. W. S. Keller, highway engr.

Tenn., Chattanooga—City and Southern Ry. Co., 13th and Pennsylvania Aves., Washington, D. C., plans viaduct on East 3rd St. $50,000. City voted $25,000 bonds, its share toward cost. E. Bass, comr. Pub. Wks. J. B. Akers, ch. engr.

O., Cleveland — Plans bridge across Brookside Park from Memphis Ave. to West 41st St. $800,000. R. Hoffman, City Hall, engr.

Mo., Cassville—Barry Co. voted $100,000 bonds, 2 concrete and steel bridges over White River. Noted Oct. 23.

Tex., Austin—See "Streets and Roads."

Okla., Frederick—Tillman Co., Okla., and Wilbarger Co. (Vernon), Tex., plan raising foundation of concrete bridge, over Red River, here. $350,000.

BIDS DESIRED

North Carolina — See "Streets and Roads."

N. C., Wilson—Dec. 19, by S. Lucas, mayor and Bd. City Comrs., rein.-con. bridges over Hominy Swamp. $89,000. R. D. Gladding, engr.

South Carolina—Dec. 30, at office Georgetown Co. Hy. Comn., Georgetown, Yauhannah Ferry Bridge over Great Pee Dee River, on State Route 40, between Georgetown and Horry Counties.; adv. E. N.-R. Dec. 11.

S. C., Spartanburg — Dec. 22, at office Spartanburg Co. Hy. Comn., 200 ft. rein.-con. bridge over Lawsons Fork, State Route 8, Federal Aid Project 229-B. State Hy. Engineer, 1626 Main St., Columbia, engr.

Kan., Abilene—See "Streets and Roads."

Tex., Brenham—See "Streets and Roads."

Tex., San Antonio—Dec. 29, by I. Ewig, engr., City Hall, 90 ft. rein.-con. and steel span bridge across San Antonio River, on Press St., for city. $50,000.

Tex., Sweetwater—See "Streets and Roads."

Wash., Tacoma — Dec. 20, by Comrs. Pierce Co., steel, single-leaf, bascule bridge, on concrete piers, 20 ft. roadway, two 5 ft. sidewalks over Hylebos Waterway. $65,000. M. M. Caldwell, Central Bldg., Seattle, engr. Noted Dec. 4.

Ore., Portland — Jan. 7, Comrs. Multnomah Co., Sellwood Bridge and approaches, over Willamette River. G. Lindenthal, 250½ 3rd St., consult. engr.; adv. E. N.-R. Dec. 11. Noted Nov. 27.

BIDS RECEIVED

Md., Baltimore—Mayor and City Council, City Hall, steel and concrete bridge over Pennsylvania R.R. tracks, on Edmondson Ave., from Continental Eng. Co., Knickerbocker Bldg., $41,600. Noted Nov. 20.

North Carolina—State Hy. Dept., Raleigh, (**S. P. means State Project**) from Atlantic Bridge Co., Roanoke, Va., rein.-con. bridges and culverts on S. P. 405-B, Chatham Co. $68,006, S. P. 353, New Hanover Co. $47,683, S. P. 149, Hertford Co. $58,631; from Boog-Boyd Co., Barium Springs, S. P. 488, Wake Co. $25,195; from R. W. Curtis, Peoples Natl. Bank Bldg., Lynchburg, Va., S. P. 205-A, Craven Co. $25,666. Noted Nov. 20.

Alabama—State Hy. Dept., Montgomery, concrete river tiers and creosoted timber approaches to bridge near Leesburg, to J. Monaghan, Pelham, Ga., $62,682. Noted Nov. 27.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, Nov. 26, from G. H. Goodwink, Lawrenceville, one 40 ft. and two 50 ft. span concrete girder bridge on Route 9, Sect. 19-B, Ford Co., $15,270; from J. T. Pinkstoff, Lawrenceville, two 16 ft., one 24 ft. and one 26 ft. concrete slab bridge on Route 9, Sect. 21-B, McLean Co., $11,810; from Natl. Concrete Co., 825 Lemcke Bldg., Indianapolis, Ind., one 50 ft. concrete girder and eight 65 ft. concrete arch span bridge, on Route 2, Sect. 77-B, Winnebago Co., $89,520; from F. Wustholz, Claytonville, one 20 ft. and one 30 ft. slab bridge, and one 55 ft. girder bridge on Route 2, Sect. 77-D, Winnebago Co., $17,235, one 24 ft. and one 21 ft. slab bridge on Route 36, Sect. 7-B, Adams Co., $9,600, and three 45 ft. span girder bridges on Route 98, Sect. 15-B, Pike Co., $12,649; from A. P. Munsen, Marion, Ia., substructure 100 ft. steel bridge, and 50 ft. girder bridge on Route 8, Sects. 47-B and 48-B, $16,800; from Vincennes Bridge Co., Vincennes, Ind., 100 ft. superstructure steel bridge on Route 8, Sect. 47-C, Knox Co., $6,078, and one 180 ft. steel superstructure on Route 36, Sect. 8-C, Adams Co., $15,203; from A. Olson Constr. Co., Waterloo, Ia., one 50 ft. girder bridge, substructure, one 180 ft. steel bridge, and two 50 ft. girder approach spans on Route 36, Sect. 8-B, Adams Co., $28,309; from Herrick Constr. Co., Carlinville, three 50 ft. and one 30 ft. span girder bridge on Route 36, Sect. 14-B, Pike Co., $23,758; from C. T. Laird, Pittsfield, three 45 ft. and four 40 ft. span girder bridge on Route 36, Sect. 178-B, Pike Co., $34,680. Noted Nov. 20.

Missouri—State Hy. Dept., Jefferson City, Nov. 24, two 60 ft. steel truss spans, etc. over Crooked River, Monroe Co., from F. T. O'Dell, New London, $15,393, twenty 25 ft. I-beam spans, etc. over overflow Grand River and Shoal Creek, Livington Co., from Pittsburgh-Des Moines Steel Co., Tuttle and Southwest 10th Sts., Des Moines, Ia., $23,281, two 30 ft. rein.-con. deck girder spans, etc. over Clear Creek, Shebly Co., from J. R. McClarren, Alexandria, $7,540, three 40 ft. rein.-con. deck girder spans, etc. over Pin Oak Branch, and one 30 ft. rein.-con. deck girder span, etc., over Wiggins Creek, both Gasconade Co., from Republic Concrete Constr. Co., Republic, $8,290 and $4,302 respectively; reflooring, repairing, etc. 200 ft. steel bridge over Shoal Creek, Livingston Co., from R. P. Harper Constr. Co., Leona, Kan., $2,534. Noted Nov. 20.

CONTRACTS AWARDED

Kan., Abilene—Dickson Co., Bridge 120, 160 ft. marsh arch span on Abilene-Elmo Rd., to M. E. Marsh, Attica, $34,070; 188 ft. steel bridge, near Enterprise, Federal Aid Project 258-A, to Yancy Constr. Co., Abilene, $35,864. Noted Mar. 31.

Kan., Hutchinson—Reno Co., one 500 ft. concrete deck girder span bridge over Arkansas River, to E. Tomlinson, Garfield, $54,442. Noted Jan. 31.

Wash., Seattle—Bd. Pub. Wks., Nov. 21, approaches to 12th Ave. S. Bridge, to L. Romano, 35th South and Massachusetts Sts. $175,987. Engrs. est. $180,000. Noted Dec. 4.

Dams

PROPOSED WORK

Ia., Iowa Falls—See "Buildings-Industrial."

BIDS RECEIVED

Tex., Dallas—Gate valves also connections for outlet conduits for Garza Dam, from Ludlow Valve Co., foot Adams St., Troy, N. Y., $23,350. Engrs. est. $30,000.

Railways

PROPOSED WORK

New York—New York Central R.R. Co., Grand Central Terminal, New York City, having plans prepared from River Rd. Grand Island to Black Creek, Canada, a depot and new yards, also new bridge over Niagara River, on Grand Island. $5,000,000. G. W. Kittredge, ch. engr.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Fla., St. Lucie — Voted $250,000 bonds deepening St. Lucie Inlet.

Miss., Cleveland — Hushpackena D. D., c/o J. C. Roberts, Cleveland, making preliminary plans drainage ditches, etc., in Bolivar, Coahoma and Sunflower Counties. $50,000. W. W. Boone, Cleveland, engr.

Ark., Marion — Council Chute D. D., making preliminary plans draining 10,000 acres, incl. 205,000 cu.yd. drag line, etc., in Crittenden and Lee Counties. $50,000. H. N. Pharr, Bridge Junction, engr.

Calif., Blythe—Palo Verde Mutual Water Co., authorized $125,000 funds constructing 6.5 mi. new main canal, and enlarging 1.5 mi. of present canal, approximately 470,000 cu.yd. earthwork.

BIDS DESIRED

Ia., Council Bluffs—Dec. 12, by Harrison and Powattamie Counties, at Court House, here, clearing Willow Creek Dist., 93,000 cu.yd. excav. E. E. Spetman, city engr.

CONTRACTS AWARDED

Massachusetts—Dept. Pub. Wks., Boston, dredging about 10,000 cu.yd. in Plymouth Harbor, to Bay State Dredging & Contg. Co., 62 Condor St., East Boston, $0.68 per yd. soft deposit, and $20 per yd. boulders. Noted Dec. 4.

Fla., Tampa—Interbay D. D., Hillsborough Co., draining 13,000 acres, 550,000 cu. yd. excav., 18,000 lin.ft. storm drain, etc., ⅓ of project, southern portion, to Cone Bros., Tampa, $350,000; and other half northern portion, to E. W. Parker, Stovall-Nelson Bldg., $350,000.

Streets and Roads

PROPOSED WORK

Mass., Somerville (Boston P. O.)—J. M. Webster, mayor, plans widening Middlesex Ave., 80 ft. To exceed $50,000. Engineer not selected.

Mass., West Roxbury (Boston P. O.)—Dept. Pub. Wks., Div. Highways, State House, Boston, plans constructing Pierpont and Greaton Rds., here. $25,000. J. A. Rourke, comr.

N. Y., New York—J. Miller, pres. Manhattan Boro., Municipal Bldg., rejected bids Nov. 20, widening and sheet asphalt paving Lexington and 5th Aves. Noted Nov. 27.

N. J., Brookville—Bd. Freeholders Mercer Co. (Trenton), plans straightening Sanhican Dr., here. $65,000. City of Trenton to appropriate toward cost. H. F. Harris, County Bldg., Trenton, engr.

N. J., Trenton—Mercer Co., plans paving 1.48 mi. Hutchinsons Mill Rd. $65,000, also drainage work $25,000. H. F. Harris, County Bldg., engr.

Va., Fairfax—Fairfax Co. voted $95,136 bonds, macadamizing roads in Dranesville Dist.; $261,516 bonds, Columbia Pike Rd. and Lee Highway-Falls Church-Annandale Rd. in Falls Dist.; $49,119 bonds for 3.4 mi. Leesburg-Pike Rd., 16 ft. F. W. Richardson, clk.

North Carolina—State Hy. Comn., Raleigh, making plans grading and sand-asphalt paving 15 mi. State Project 223, Duplin Co. $300,000. C. M. Upham, Raleigh, engr.

Fla., Clearwater — Pinellas Co. voted $124,039 bonds constructing 6.5 mi. roads and bridges in Project A, Keystone Rd.; $29,037 bonds, 2.75 mi. Project E, Crystal Beach Rd., Project F, Wall Springs Rd., and Project G, North Sutherland Rd.; $102,612 bonds, 6 mi. Project B, West Lake Rd.; $51,487 bonds for Project C, Anclote Rd.; $38,825 bonds, 2.5 mi. Project D, Gulf Rd., all in Special Rd. and Bridge Dist. 7. C. E. Nelson, Clearwater, engr.

Fla., La Belle—Hendry Co. voted $430,000 bonds, constructing cross country roads. S. L. Stewart, La Belle, engr.

Fla., Moore Haven—Glades Co. rejected bids Oct. 25, constructing 5.1 mi. road Project 2, $35,000; 18.6 mi. Project 3, $80,000; 18.9 mi. Project 4, $25,000; 20 mi. Project 6, $80,000; 8.6 mi. Project 7, $40,000; Project 8, $25,000. N. S. Wainright, clk. Project called off, high water prevented estimates. Noted Oct. 9.

Ala., Tuscaloosa — City and Tuscaloosa Co. plan concrete surfacing 2 mi. streets connecting with Fosters Ferry Rd. $75,000 state aid funds. W. H. Nicol, city engr., supervises construction.

Miss., Corinth—Alcorn Co. plans grading and asphalt surfacing 35 blocks various streets, 26 and 34 ft. J. A. Lowe, mayor.

Tennessee—State Dept. Hys. & Pub. Wks., Nashville, making surveys improving 15 mi. Lexington-Jackson Rd., Henderson Co. J. G. Creveling, highway comr.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, soon takes bids improving 5 mi. Whitwell-Sequatchie-Victoria Rd., 16 ft., probably bituminous macadam on limestone. J. G. Creveling, highway comr.

Ohio—Dept. Highways and Pub. Wks., Columbus, will ask appropriation of $43,572,390 of which $20,000,000 is for new work and remainder for repair and maintenance road work in Buckeye State during 1925 and 1926. If program is carried out 2,000 mi. will be hardsurfaced and 400 mi. graveled. A. V. Donaheys, div. highways.

O., Alliance—Plans improving 0.75 mi. East Bway. from Union to Arch Sts., 30 ft. $35,000. H. Anderson, Alliance, engr.

O., Cuyahoga Falls—Plans improving 1 mi. West Broad St. from 10th St. to State Rd., 36 ft. $120,000. W. Ranmey, Cuyahoga Falls, engr.

O., New Philadelphia—City plans asphalt on concrete paving Park St., between Bway. and Boulevard. $30,000. E. Stingel, engr.

O., Youngstown—Takes bids in spring, improving West Heights St. $40,000; Pershing Ave. $45,000-$50,000; Clinton Ave. $40,000; Judson Ave. $30,000; Fernwood Ave. $35,000; Rush Blvd. $40,000-$50,000; Edwards St. $35,000; Thompson Ave. $45,000. C. Turner, Youngstown, engr.

Ind., Warsaw—Kosciusko Co. plans concrete paving 29,842 sq.yds. Minear Rd. $76,223. S. S. Boggs, Warsaw, engr.

Streets and Roads (Continued)

Ill., Galesburg—Bd. Local Impvts. plans grading, paving, etc., 1.5 blocks East Knox St., $10,507; and 2 blocks East Barrien St., $17,145. A. L. Richey, City Hall, engr.

Wis., Columbus—Making plans improving Bway., 3,000 cu.yd. excav., 23,170 lin.ft. concrete curb and gutter, 13,086 sq.yd. various types paving incl. rein.-con. and asphaltic concrete. W. F. Reichardt, North Main St., Watertown, engr.

Wis., Tomahawk—Plans paving Wisconsin and Tomahawk Aves., various types. To exceed $25,000. H. G. Bell, city clk. Engineer not selected.

Ia., Iowa City—Johnson Co. making preliminary plans grading and concrete surfacing approximately 14,000 sq.yd. Red Ball Highway, etc. $37,000. G. M. Griffith, 604 East Davenport St., engr.

Kan., Concordia—Cloud Co. making preliminary plans grading, bridges, etc., on 6 mi. Federal Aid Project 67, and 5 mi. Federal Aid Project 185. L. T. Dudley, Concordia, engr.

Kan., Eldorado—Butler Co. plans grading, etc., 7.144 mi. Federal Aid Project 239-A, B and C, 28 ft. H. D. Barnes, co. engr.

Kan., Hiawatha—Brown Co. plans grading, etc., 6.854 mi. Federal Aid Project 274-A, 28 ft. E. C. L. Wagner, 608 Kemper Bldg., Kansas City, Mo., engr.

Kan., Topeka—Shawnee Co. making preliminary plans grading and concrete surfacing 1.901 mi. Highland Park Rd., 18 ft. A. C. Lagerwall, co. engr.

Kan., Wichita—E. S. Worrell, city clk., takes bids about Feb. 15, grading and asphaltic concrete, concrete or brick on concrete surfacing 20 streets. $250,000. P. L. Brockway, City Hall, engr.

Neb., Tilden—Making preliminary plans grading, curbing, guttering and paving, etc., 15,000 sq.yd. various streets. $60,000. Prince-Nixon Eng. Co., 628 Grain Exch., Omaha, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids grading, curbing and asphalt paving 2,405 sq.yd. Elmbank Ave. $20,300, 1,855 sq.yd. Eastgate Ave. $6,900; grading, cement curbing and asphaltic cement paving 2,150 sq.yd. Montana Ave. $15,400; grading, curbing and willite or asphalt paving 9,780 sq.yd. Goodfellow St. $61,100; grading, curbing and granite block paving 1,920 sq.yd. 11th St. $17,500; asphalt resurfacing 3,400 sq.yd. Devonshire St. $12,900; grading, concrete paving 20,515 sq.yd. alleys in City Blocks 2471, 3358, 3359, 5442, 5593, 5537, 5621, 5664, 4633, 476, 5126, 5678, 5838, 3269 and 454. W. W. Horner, 300 City Hall, engr.

Tex., Austin — Travis Co. making plans grading, bridging and 1 mi. crushed rock surfacing 4.6 mi. State Highway 29, 16 and 24 ft. $25,500. O. Leonard, Box 256, engr.

Tex., Brownwood—Brown Co. voted $750,000 bonds improving roads. R. E. Lee, co. judge. Noted Nov. 20.

Tex., Cameron—Election Dec. 22, $125,000 bonds paving various streets. A. F. Mitchell, Cameron, engr.

Tex., Corsicana—J. H. Harper, city secy., soon takes bids improving various streets, 5,000 yd. brick or bituminous, paving, 3,000 ft. curb and gutter, 2,000 drain gutter, etc. $25,000. W. W. McClendon, city engr.

Tex., Del Rio—Election Dec. 16, $100,000 bonds permanent paving various streets. W. F. Easterling, mayor.

Tex., Ft. Worth—Tarrant Co. soon takes bids surfacing 21st St. from city limits north. $50,000. City and State appropriates toward cost. D. A. Davis, Court House, co. engr.

Tex., Groesbeck—Limestone Co. election Dec. 16, $1,571,000 bonds, of which $271,000 is to retire outstanding bonds of Rd. Dists. 4, 12 and 16, and the remainder $1,300,000 bonds for new construction. H. F. Kirby, co. judge.

Tex., Lubbock—Election Dec. 9, $125,000 bonds permanent paving various streets. F. R. Friend, mayor.

Tex., Paducah — Voted $25,000 bonds permanent paving various streets. J. W. Carroll, mayor. Engineer not selected.

Tex., Quanah—Issued $50,220 bonds paving various streets. Elrod Eng. Co., 3124 Main St., Dallas, engrs.

Tex., Seguin—Guadalupe Co. making plans bituminous surfacing incl. reshouldering and preparation of base already constructed on 16.1 mi. State Highway 3, from here to Gonzales Co. line, 18 ft. $100,000. L. Taylor, co. engr.

Okla., Edmond — Making plans grading and concrete paving 10 blocks various streets, 20 ft. To exceed $25,000. Peckham & James, 225 West Grand St., Oklahoma City, engrs.

Okla., Kingfisher—Kingfisher Co. election in January $650,000 bonds for roads. Former election defeated. C. R. Steel, co. engr. Noted Sept. 18.

Okla., Stroud—Plans improving Commermercial and Grand Sts., 5,800 sq.yd. vitr. brick paving, 2,400 lin.ft. curbing, and 1,900 cu.yd. excav. $29,500. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs.

Idaho—State Hy. Dept., Boise, plans grading and crushed rock surfacing 25 mi. road from Priest to Pack Rivers, Bonner Co. $350,000. H. W. Gregory, dir.

Idaho, Boise — Election Jan. 10 or 12, $85,000 bonds, to finance construction approach to new Oregon Short Line Main Line Depot.

Calif., Alhambra—Plans paving Front St. To exceed $50,000. M. H. Irvine, city engr.

Calif., Alhambra—Plans paving Mission Rd. $300,000. Southern Pacific R.R. Co., 65 Market St., San Francisco, will appropriate $141,300 toward cost, balance by city and property owners.

Calif., Fresno—Fresno Co. making plans grading, curbing, sidewalks, 5 in. asphaltic concrete paving, etc., Rd. Impvt. Dist. 5; 4 in. asphaltic concrete paving Rd. Impvt. Dists. 6 and 7. To exceed $75,000. C. P. Jensen, Cory Bldg., co. surv.

Calif., Patterson—Plans paving various streets. To exceed $25,000. W. R. Sherman, city engr.

BIDS DESIRED

Massachusetts—Dec. 23, by Dept. Pub. Wks., Div. Highways, Boston, bituminous macadam paving 17,333 ft. highway in Fairhaven and Mattapoisett, $100,000, 21,666 ft. in Framingham, Ashland and Hollister, $125,000; bituminous macadam paving, etc., 2,109 ft. in Whitman, $25,000. W. F. Williams, highway comr.

N. Y., Brooklyn—Dec. 17, by E. Riegelmann., boro. pres., Boro Hall, granite repaving Sands St. and Schenectady Ave.; asphalt repaving 65th St.

North Carolina—Dec. 19, by State Hy. Comn., Raleigh, constructing 22 road projects and 6 bridges. C. M. Upham, Raleigh, engr.

S. C., Newberry—Dec. 23, at office Newberry Co. Hy. Comn., top soiling 9,957 cu. yd. State Route 7, State Project S-575. E. D. Sloan, Court House, engr.

Fla., Clearwater—Dec. 15, at office of City Clerk, improving various streets 82,000 sq.yd. vitr. brick, asphaltic concrete, asphalt block or concrete paving, 46,000 lin.ft. concrete curbing and guttering, 3,500 lin.ft. granite curbing, 44,000 cu.yd. excav. and 26,700 yd. sidewalks. C. F. Mason, city mgr.

Fla., Palatka—Jan. 3, by C. Cauthorn, city clk., about 50,000 sq.yd. paving, curbing and guttering various streets; adv. E. N.-R. Dec. 11.

Fla., Tampa — Dec. 16, by City Comn., grading, vitr. brick paving and widening portion of DeLeon and East Lafayette Rds. $30,426. R. D. Martin, City Hall, engr.

Fla., Tampa — Dec. 19, by Bd. Comrs. Hillsborough Co., W. R. Watkins, clk., improving Bannockburn, Kirkside, Glen Burnie and Ben Avon Rds., 16,630 sq.yd. paving, on 2-in. asphalt on 5-in. rock, 12,260 lin.ft. concrete curbing. $40,000. A. B. Pimm, Court House, engr.

La., New Orleans—Dec. 16, by Comn. Council, improving various streets, 17,272 sq.yd. asphaltic concrete or Warrenite bitulithic paving, 94,314 sq.yd. gravel surfacing, 81,582 lin.ft. curb and gutter, etc. J. W. Billingsley, Interstate Bank Bldg., consult. engr.

Tenn., Brownsville—Dec. 23, by J. L. Edwards, mayor, and Bd. Aldermen, 40,000 sq.yd. oil surfacing, 5,000 tons gravel, 2 small creosoted timber bridges, etc. J. H. Weatherford, 64 Porter Bldg., Memphis, engr.

Ill., Altamont — Dec. 29, by Bd. Local Impvts., improving Dist. 1, 13,734 cu.yd. grading and excav., 38,361 sq.yd. one course concrete, 9,057 lb. reinforcing, 23,417 ft. concrete curb, 1,785 ft. 10 and 16 in. vitr. clay sewer pipe, etc. W. A. Fuller Co., 1917 Railway Exch. Bldg., St. Louis, Mo., engrs.

Ill., Belleville—Dec. 19, by D. Thomas, engr. St. Clair Co., grading and concrete surfacing 2.3 mi. New Athens-Belleville Rd., 18 ft.

Kan., Abilene—Jan. 6, by Clerk Dickenson Co., gravel surfacing, etc., 2 mi. Federal Aid Project 258-B, and grading and bridging 7.045 mi. Victory Highway, 28 ft., Federal Aid Project 196-A. C. L. Nicholay, Abilene, engr. Noted Sept. 18.

Kan., Columbus—Jan. 9, by Clerk Cherokee Co., grading and chats surfacing, etc., 15,465 sq.yd. Federal Aid Project 255-A. H. W. Tyrell, co. engr. Noted Sept. 18.

Kan., Eldorado — Jan. 2, by Clerk Butler Co., grading and concrete brick surfacing 21,992 sq.yd. Sect. A; 20,879 sq.yd. Sect. B, 26,916 sq.yd. Sect. C, and 26,[illegible] sq.yd. Sect. D, Federal Aid Project 205. H. D. Barnes, co. engr.

Kan., Independence—Jan. 15, by Clerk Montgomery Co., grading and surfacing 5.545 mi. Federal Aid Project 164-A, 61,115 sq.yd. bituminous macadam, 2,430 lb. reinforcing, 668 ft. 15- to 24-in. rein.-con. pipe, 152,788 gal. bituminous, 13,258 ft. hedge, 1,544 ft. guard fence, 17,498 cu.yd. excav., 8,802 cu.yd. borrow, etc. H. K. Hibbard, co. engr. Noted Oct. 2.

Kan., Osage—Dec. 29, by Clerk Osage Co., grading and concrete or brick surfacing 0.063 mi. Federal Aid Project 266-B, 29,058 sq.yd. surfacing, 7,858 ft. concrete curb and gutter, 1,064 ft. guard fence, 9,218 cu.yd. excav., 3,304 cu.yd. borrow, 8,990 lb. reinforcing, etc. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs.

Kan., Osage—Jan. 3, by Clerk Osage Co., grading and vitr. brick or concrete paving, etc., 9,779 sq.yd. Federal Aid Project 266-E, grading, etc., 4.783 mi. Federal Aid Project 264-D, 784 ft. 15- to 30-in. corrugated metal pipe, 18,810 lb. reinforcing, 17,930 ft. hedge, 5,776 ft. guard fence, 33,638 cu. yd. earth and 5,539 cu.yd. rock excav., 1,020 cu.yd. borrow, etc. R. H. Hopper, co. engr.

Kan., Oswego—Jan. 8, by Clerk Labette Co., improving 6.751 mi. Federal Aid Project 214-A, 36,591 cu.yd. excav., 4,107 cu. yd. borrow, 1,591 cu.yd. channel change, 15,695 ft. hedge, 4,886 ft. gutter, 1,699 sq. yd. gravel, 146,750 units overhaul, 13,756 sq.yd. feather edge gravel, etc.; 3.556 mi. Federal Aid Project 214-B, 11,282 cu.yd. excav., 85,351 cu.yd. borrow, 7,665 sq.yd. gravel, 21,253 units overhaul, etc. H. K. Shideler, co. engr.

Kan., Paola—Dec. 31, by Clerk Miami Co., grading, etc., 5.769 mi. Federal Aid Project 293-A, 20,230 lb. reinforcing, 536 ft. 15- to 24-in. corrugated metal pipe, 10,750 ft. hedge, 5,060 ft. guard rail, 24,976 cu. yd. earth and 3,520 cu.yd. rock excav., 2,036 cu.yd. borrow, etc.; 4.427 mi. Federal Aid Project 288-A, 26,000 lb. reinforcing, 412 ft. 15- to 24-in. corrugated metal pipe, 7,455 ft. hedge, 6,940 ft. guard fence, 22,306 cu. yd. earth and 12,423 cu.yd. rock excav., 24,712 cu.yd. borrow, Kansas Eng. Co., 1233 Western St., Topeka, engrs.

Kan., Topeka—Jan. 5, by Clerk Shawnee Co., grading, guttering and concrete surfacing 21,865 sq.yd. Highland Park Rd. A. C. Lagerwall, co. engr.

N. D., McClusky — Dec. 16, by Comrs. Sheridan Co., grading, etc., 7 mi. Federal Aid Project 218, Sect. B, West of Denhoff, 91,699 cu.yd. earth and 4,990 cu.yd. rock excav., 3,928 lin.ft. 18- to 36-in. corrugated metal or concrete pipe culverts, etc. $36,000. B. Unruh, co. aud.

Tex., Brenham—Dec. 17, by J. H. Chappell, judge Washington Co. grading and bridging Greenvine Rd., 420 cu.yd. concrete, 60,000 cu.yd. roadway, 18,000 cu.yd. borrow and 3,580 cu.yd. unclassified excav., 40,000 lb. reinforcing steel. $33,000. G. A. Bracker, co. engr.

Tex., Sweetwater—Dec. 19, by A. S. Mauzey, judge Nolan Co. grading, surfacing, bridging, etc., 12.48 mi. State Highway 70. J. A. Focht, co. engr. Noted Nov. 13.

Okla., Wetumka — Dec. 22, by C. N. Hamilton, city clk,. grading, curbing and vertical fibre brick surfacing 13,900 sq.yd. Alabama and St. Louis Sts., $69,371. V. V. Long & Co., Colcord Bldg., Oklahoma City, engrs.

Calif., Monterey — City Council taking bids improving Jefferson St. between Main and Pacific Sts., 90,000 sq.ft. 1.5 in. on 2.5 in. asphaltic concrete, 5,400 lin.ft. concrete curb and gutter, etc. H. D. Severance, city engr.

BIDS RECEIVED

Mass., Cambridge (Boston P. O.)—Metropolitan Dist. Comn., Boston, plans boulevard from Massachusetts Ave. to near Huron Ave., connecting Alewife Brook with Fresh Pond Parkways, here. $550,000. J. R. Rablin, 1 Ashburton Pl., Boston, engr.

N. Y., Brooklyn—E. Riegelmann, boro. pres., Boro Hall, Dec. 3, from B. Picone & Son, grading, curbing and flagging Brooklyn Ave. $2,341, Schenectady Ave. $4,587, 9th Ave. $3,748, 80th St. $3,403; from W. J. McHale Contg. Co., 1250 Jefferson St., East 37th St. $3,588, East 48th St. $4,262, from R. Lynster, 1364 Sterling Pl., Nostrand Ave. $2,098; from Uvalde Asphalt Paving Co., 1 Bway., New York City, asphalt paving Brooklyn Ave. $3,498, from Brooklyn Alcatraz Co., 407 Hamilton Ave., East 37th St. $7,864, Livingston St. $109,503, 9th Ave. $8,774, 80th St. $8,805. Noted Nov. 27.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg.,

Streets and Roads (Continued)

Dec. 3, from Cleveland Trinidad Co., Flushing, sheet asphalt repaving Ditmars Ave. $13,802, from A. A. Johnson Corp., Queens Blvd., 8th Ave. from Flushing to Potter Aves. $26,520, 8th Ave. from Jackson to Washington Aves. $17,540, Prospect St. $26,710, 6th Ave. $43,190, from W. P. McDonald Co., 17 West 62nd St., New York, Bway. $28,780; from Highway Impvt. & Repair Co., 501 Bloomfield Ave., Montclair, N. J. sheet asphalt paving 104th St. $38,090.

New Jersey—State Hy. Dept., Trenton, Dec. 1, gravel surfacing, etc., 4,170 sq.yd. Route 4, Sect. 20 A, grade crossing elimination, in Manasquan, Monmouth Co., from Decker & Camming, Inc., 395 Grove St., Newark, $39,567. Noted Nov. 13.

Calif., Los Angeles—Dec. 15, by Bd. Pub. Wks., curbing, guttering, sidewalks, asphaltic concrete or asphalt sheet paving, etc., 7 blocks Plymouth Blvd., Parthenia and Saratoga Sts., also 5 blocks Drive and Laclede Aves., 74th and 41st Sts. $50,000. H. A. Van Norman, City Hall, engr.

Pa., Phila. — Bureau Hys. Dept. Pub. Wks., grading Champlost, 6th, Reedland and Wheeler Sts., from R. B. Wenner, 2313 Walnut St., $3,774; asphalt paving Moyamensing St., from Eastern Paving Co., 401 Colonial Trust Bldg., $26,523; improving 89th St., from Neely Bros. & Russell, Inc., Oxford and Wakeling Sts., $10,074; asphalt sand, from Union Paving Co., 30th and Locust Sts., $950; crushed pebbles, from Van Sciver Corp., Parkway at 24th St., $2,063; asphaltic cement, from Atlantic Refining Co., 260 Southern Blvd., $7,310.

North Carolina—State Hy. Dept., Raleigh, (S. P. means State Project) from Dicus Bros., Waynesville, grading 9.8 mi. S. P. 941, Haywood Co. $113,426, 6.8 mi. S. P. 982, Swain Co. $53,120, grading and waterbound macadam surfacing 7 mi. S. P. 835, Henderson Co. $138,975; from P. R. Ashby, 421 North Person St., Raleigh, grading and asphaltic paving S. P. 648-B, Lincoln Co. $106,265, 9.9 mi. S. P. 646-B, Lincoln Co. $194,936; from C. B. Hester, Greensboro, grading etc. 5.42 mi. S. P. 488, Wake Co., $25,703, from E. R. James, Havre de Grace, Md., 4.9 mi. S. P. 149, Hertford Co., $52,061, from W. E. Graham, Mt. Ulla, 6.3 mi. S. P. 792, Yadkin Co., $32,745, from J. F. Mulligan Constr. Co., North Wilkesboro, 7.6 mi. S. P. 353, New Hanover Co., $51,496; from J. A. Marrow, Clarksville, Va., grading and topsoiling 3.6 mi. S. P. 441-A, $27,069, from N. L. Teer, Durham, 15.3 mi. S. P. 136, Halifax Co., $72,371. Noted Nov. 20.

Ind., Indianapolis—Marion Co., hardsurfacing 2.1 mi. Steinmeier Rd., 18 ft., from McConn Constr. Co., Noblesville, $53,476. Engrs. est. $58,000.

Ind., La Porte—La Porte Co., concrete paving 2.3 mi. Haun Rd., and 1.6 mi. Bach Rd., both 18 ft., from Gross Constr. Co., La Porte, $57,960 and $29,320 respectively.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, Nov. 26, from W. C. Meneely, Decatur, Ill., concrete surfacing 1.67 mi. Route 2, Sect.64, Dewitt Co., $41,521, 4.28 mi. Route 3, Sect. 5, Cass Co., $101,993, from Cameron, Joyce & Co., Keokuk, Ia., 3.56 mi. Route 8, Sect. 40, Knox Co., $73,590, 10.15 mi. Route 30, Sects. 11 and 14, Stark and Henry Counties, $194,612; from S. D. Moore, Waterloo, Ia., 6.45 mi. Route 5, Sect. 31, Jo Daviess Co., $73,161, from Trompeter & Son, Peru, 8.81 mi. Routes 7 and 29, Sects. R-4 and R-5, Bureau Co., $168,500, from Smith Bros., Amer. Exch. Bldg., Dallas, Tex., 29.92 mi. Route 9, Sects. 19-23 inclusive, Ford and McLean Counties, $618,000, 12.74 mi. Route 16, Sects. 20 and 21, Montgomery Co., $233,268, 16.76 mi. Route 25, Sects. 8, 9 and 10, Clay and Wayne Counties, $343,768, 11.3 mi. Route 32, Sects. 1 and 2, Shelby and Moultrie Counties, $172,000, from J. F. Kelley & Co., Terre Haute, Ind., 12.1 mi. Route 16, Sects. 3, 4 and 5, Cole and Edgar Counties, $236,700, from McCree & Co., Commercial and Euclid Sts., St. Paul, Minn., 6.36 mi. Route 27, Sect. 4, Carroll Co., $147,048, from O. Arnold, Casey, 8.18 mi. Route 33, Sect. 1, Crawford Co., $153,966, from Chicago Heights Coal Co., Chicago Heights, 20.83 mi. Route 46, Sects. 463, 464 and 465, Cook Co., $619,000; from Stephens Bros., St. Paul, Minn., 5.37 mi. Route 24, Sect. 5, Christian Co., $106,224, grading 153,220 cu. yd. Route 36, Sects. 7-A and 8-A, Adams Co., $95,630, and 262,000 cu.yd. Route 36, Sects. 14-A-17-A inclusive, Pike Co. $149,581; from S. J. Groves & Sons, 306 Globe Bldg., Minneapolis, Minn., grading 71,485 cu.yd. Route 2, Sect. 77-A, Winnebago Co., $39,555, from W. D. Knapp, East Peoria, 78,433 cu.yd. Route 8, Sect. 47-A and 48-A, Peoria and Knox Counties, $41,946. Noted Oct. 30.

Missouri—State Hy. Dept., Jefferson City, Nov. 25, from Davis Constr. Co., Boonville, grading and 18 ft. concrete surfacing 11.16 mi. Kansas City-St. Louis Rd., Howard Co., $170,116; from C. H. Atkinson Paving Co., Watertown, S. D., grading and 18 ft. concrete surfacing 4.989 mi. St. Joseph-Hannibal Rd., $85,783, 18 ft. concrete surfacing 4.992 mi. road from Peculiar north and south $54,814, 4.98 mi. St. Joseph-Cameron Rd. $73,987, all De Kalb and Cass Counties; from Pickus Constr. Co., St. Louis, grading and concrete surfacing 4.709 mi. St. Louis-Flat River Rd. $122,827, grading 13.105 mi. St. Louis-Flat River Rd. $18,166, all Jefferson Co.; from W. P. McGeorge & Co., Pine Bluff, Ark., grading and 18 ft. concrete surfacing 4.981 mi. road from Jackson west $100,613, and 18 ft. concrete surfacing 5 mi. Fredericktown-Jackson Rd. $82,651, both Cape Girardeau Co.; from M. E. Gillioz, Monett, 18 ft. concrete surfacing 13.105 mi. St. Louis-Flat River Rd., Jefferson Co., $294,454; from Dobson & Robinson, Lincoln, Nebr., 4.974 mi. Belton-Peculiar Rd., Cass Co. $61,442, 4.443 mi. Carrollton-Waverly Rd., Carroll Co., $61,597, from Western Constr. Co., Tulsa, Okla., 4.979 mi. Harrisonville-Peculiar Rd., $60,460; from V. E. Koch, Joplin, grading 4.974 mi. Belton-Peculiar Rd., $4,692, and 4.979 mi. Peculiar-Harrisonville Rd., $7,642, both Cass Co., from O. Kochtitzky, Cape Girardeau, 5 mi. Fredericktown-Jackson Rd., Cape Girardeau Co., $5,769, from S. J. Groves & Sons, 306 Globe Bldg., Minneapolis, Minn., 4.948 mi. St. Joseph-Cameron Rd., De Kalb Co., $8,812, from Cameron & Joyce, Keokuk, Ia., 4.443 mi. Carrollton-Waverly Rd., Carroll Co., $6,663, from List & Weatherly Constr. Co., 416 Railway Exch. Bldg., Kansas City, 4.992 mi. road from Peculiar north and south, Cass Co., $6,136. Noted Nov. 20.

Tex., Albany—R. Dyess, judge Shackelford Co., Nov. 22, grading and bridging 15.55 mi. State Highway 23, State Aid Project 515, 26 ft., from McClung Constr. Co., Cleburne, $124,912. Engrs. est. $152,700. Noted Nov. 13.

Idaho, Boise—Grading and paving, etc., approach to new Oregon Short Line Main Line Depot, from J. C. McGuire, Box 187, Idaho Falls, 1½ in. on 3½ in. bituminous concrete $83,458, 2 in. on 3 in. bituminous concrete $84,358.

Calif., Oakland—Improving 2,321 ft. 14th St. from low tide line of 1,852 ft. west, 24 ft., 3 ft. asphaltic macadam shoulders, and grading, concrete paving 2,231 ft. 14th St. west of Wood St., macadam shoulders with oil surface, from Hutchinson Co., Hutchinson Bldg., at $7.19 per ft. City appropriates $25,000 toward cost.

Calif., Pasadena—Grading, guttering and 2 in. macadam paving Old Mill Rd., from C. F. Mathews, Braly Bldg., $26,340.

CONTRACTS AWARDED

Mass., Dorchester (Boston P. O.)—School Dept., City Hall, Boston, concrete paths and roads, waterbound macadam roadway, and grading, etc., high school grounds, here, to J. Slotnic, 446 Bway., Chelsea, $60,002.

N. Y., Troy—Granite curbing and bithulithic paving, etc. 2,785 ft. 7th Ave., to Fitzgerald Bros. Constr. Co., Proctor Bldg., $83,214. Engrs. est. $90,000.

Fla., Clermont — Paving 24,035 sq.yd. various streets, to Cox & Jernigan, Clermont, $108,375.

Fla., Punta Gorda—Curbing, guttering and brick paving 33,616 sq.yd. various streets, to J. G. Yeats Co., Port Tampa City, $121,710.

Alabama—State Hy. Dept., Montgomery, reconditioning Garden City-Warrior Rd., 18 ft., to W. H. Pattie, 1566 North 23rd St., Birmingham, $16,753, engrs. est. $17,000; gravel surfacing 17.85 mi. Hurtsboro-Seale Rd., 18 ft., to J. W. Gwin, Hamilton Sta., Birmingham, $129,560, engrs. est. $130,000.

Alabama—State Hy. Dept., Montgomery, gravel surfacing 8 mi. Calera-Wilton-Montevallo Rd., 18 ft., Shelby Co., to Scott-Chambers & Co., West Point, Ga., $115,179. Engrs. est. $116,000. Noted Dec. 4.

Ala., Jasper—Asphalt paving 1 mi. 15th St. and 9th Ave., 30 ft., to H. Bowdry, Farley Bldg., Birmingham, $35,000.

Louisiana — State Hy. Dept., Reymond Bldg., Baton Rouge, graveling 5.24 mi. State Project 48 A2, Oak Grove-Arkansas Highway, West Carroll Parish, to McKeithen Constr. Co., Grayson. Noted Nov. 13.

O., Akron—Summit Co. grading, sewer connections and rein.-con. paving 11,750 sq. yd. Flickinger-Sanitarium Rd. 136, Sect. A-2, to A. E. Guilford Constr. Co., Metropolitan Bldg., $44,769. Engrs. est. $52,000. Noted Nov. 13.

O., Cleveland—Cuyahoga Co., vitr. brick, paving, Euclid Ave. 3, to C. A. White, Willoughby, $160,233.

O., Saint Clairsville—Belmont Co., macadam paving Maynard-Harrisville Rd., to J. W. Doudna, Barnesville, $28,688.

Ind., Indianapolis—Marion Co., hardsurfacing 1.7 mi. Dawson Rd., 18 ft., to Mansfield Eng. Co., Fletcher Trust Bldg., $46,050. Engrs. est. $46,731. Noted Dec. 4.

Ind., LaPorte—La Porte Co., hardsurfacing 2.5 mi. William Bigler Rd., 18 ft., to A. W. Taylor & Co., La Porte, $54,542. Engrs. est. $66,442. Noted Dec. 4.

Michigan — State Hy. Dept. at office Comrs. Tuscola Co., Caro, grading and concrete surfacing 5.376 mi. Federal Aid Project 90 B, to T. McNally, Saginaw, $175,320.

Michigan—State Hy. Dept., Lansing, will grade and surface 4.382 mi. Federal Aid Project 95 A3, Washtenaw and Lenawee Counties, by day labor. $145,364. G. C. Dillman, ch. engr.

Ia., Davenport—Scott Co., concrete paving, etc., 77,418 sq.yd. Davenport-Blue Grass Rd., to Central Eng. Co., Davenport, $208,080. Noted Nov. 13.

Kan., Concordia—Cloud Co., improving 4.209 mi. East Rd., 28 ft., County and Federal Aid Project 200, Sect. B, to Campbell & Lochermaier, Miltonville, $24,064.

Kan., Kansas City—Creosoted block reflooring and reconstructing steel on lower structure of viaduct, to J. O. Patterson, 313 Ridge Bldg., Kansas City, Mo. Noted Nov. 13.

Kan., Oswego—Labette Co., grading, etc., 8.035 mi. Federal Aid Project 126-B, to Du Bois & Co., Broadview Hotel Bldg., Wichita, $36,265. Rejected bids bituminous macadam surfacing same road. Noted Oct. 30.

Kan., Topeka—Shawnee Co., to Stimson Constr. Co., Topeka, vibrolithic concrete surfacing 3.942 mi. Federal Aid Project 141-C, $114,756, and concrete surfacing 2.555 mi. same section, $81,362, concrete surfacing 3.943 mi. Federal Aid Project 141-D, $122,848. Noted Nov. 13.

Ark., Springdale — Concrete surfacing 13,000 sq.yd. Dist. 4, to C. Pinckney, Ft. Smith.

Tex., Amarillo—Potter Co., gravel surfacing 5.63 mi. State Highway 13, 18 ft., to Hoffman Constr. Co., Eastland, $31,845. Noted Dec. 4.

Okla., El Reno—Concrete surfacing 2,830 sq.yd. Barker Jenkins St. and Barker St. from Rogers to Penn Sts., to Connelly Constr. Co., Southern Trust Bldg., Little Rock, Ark., $10,926; asphalt surfacing 4,355 sq.yd. Mill St. and Barker St., from Hay to Roger Sts., to H. L. Cannady Co., 1122 South Lewis St., Tulsa, $22,747. Noted Oct. 2.

Okla., Madill — Marshall Co. improving 7.54 mi. Rd. 6, 18,333 cu.yd. earth and 787 cu.yd. rock excav., 53,081 sq.yd. gravel, 8,040 lbs. reinforcing, etc., to Johnson Bros., Ardmore, $28,862. Engrs. est. $40,000.

Okla., Oklahoma City—Grading and concrete surfacing 8,360 sq.yd. 13th, 15th and 16th Sts., to Tibbetts & Pleasant, Herskowitz Bldg., Oklahoma City, $26,479. Engrs. est. $31,797. Noted Nov. 13.

Calif., Inglewood—City Council improving Oak St., 500,286 sq.ft. grading, 258,350 sq.ft. 5 in. macadam paving, curbs, gutters, sidewalks, etc., to G. H. Oswald, 366 East 58th St., Los Angeles, approximately $65,000. Noted Nov. 27.

Calif., Los Angeles—Concrete paving, etc. Spence St. between Hollenbeck and 25th Sts., to W. D. McCray, Amer. Bank Bldg., $110,973.

Calif., San Diego—San Diego Co., 5 in. concrete paving Mussey Grade of Julian Highway, to H. H. Peterson, Spreckles Bldg., $127,900. Noted Dec. 4.

Calif., Santa Ana—Supervs. Orange Co., improving St. Andrews and St. Gertrude Sts., 150,000 sq.ft. 8 in. concrete paving, 60,000 sq.ft. crushed rock shoulders, to B. R. Ford, 407 West 17th St., approximately $41,981.

Buildings—Industrial

PROPOSED WORK

Mass., East Somerville (mail Somerville)—Factory—Ford Motor Co., E. Ford, pres., Highland Park (Detroit P. O.), Mich., having plans prepared (1st unit), 1 story, 300 x 1,160 ft. factory, Middlesex Ave., near Sullivan Sq., here. Total $4,000,000.

Mass., West Lynn (Ind. Sta. Lynn) Plant—Lynn Gas & Electric Co., Lynn, plans extensive improvements to large power plant, Broad St., here. $2,000,000. Engineer and architect not selected.

Conn., Oakville—Factory—Autotyre Co. having plans prepared by Fletcher-Thompson, Inc., 542 Fairfield Ave., Bridgeport, 4 story and basement, 60 x 180 ft., rein.-con., brick and steel. $200,000.

Tenn., Jacksonville—Plant—Du Pont Silk Fiber Co., River Rd., Buffalo, N. Y., having plans prepared by Du Pont Eng. Co., Dupont Bldg., Wilmington, Del., additional unit to Old Hickory Powder plant, here. $2,000,000.

Buildings—Industrial (Continued)

O., Cincinnati—Plant—O. Roth, 920 State Ave., having plans prepared 1 story, 100 x 175 ft. painting plant, rein.-con., plain foundation, Dutton St. $75,000. Austin Co., 2339 Boone Ave., engrs.

O., Cleveland — Factory—Centrall Brass Mfg. Co., c/o E. A. Eckhouse, pres. and treas., East 55th St., had plans prepared by Christian, Schwarzenberg & Gaeda, 1900 Euclid Ave., 3 story and basement, 63 x 122 ft., brick and rein.-con., East 55th St. $100,000.

O., Euclid—Shop, etc.—Ajax Mfg. Co., c/o H. D. Hemen, genl. mgr., 3830 Lakeside Ave., Cleveland, had plans prepared by Withington-Roberts-Wright Co., Swetland Bldg., Cleveland, 1 story, 129 x 364 ft. machine shop and erection building, 2 story, 25 x 100 ft. office building, two 1 story, 60 x 200 ft., and 60 x 60 ft. pattern shops, 40 x 72 ft. brick and steel boiler house, Chardon Rd., here. $350,000.

Ind., Columbus — Shop — Dunlap & Co., having plans prepared 2 story, 60 x 150 ft., rein.-con. and brick. $45,000. Private plans.

Ind., Indianapolis — Factory — Butter Crust Pie Co., 2146 Madison Ave., having plans prepared by R. N. Edwards, Union Trust Bldg., 2 story and basement, 71 x 154 ft., rein.-con. and steel, Madison Ave. $45,000.

Ind., Indianapolis — Factory — Finishing Products Co., 123 East Chesapeake St., plans 2 story and basement, 40 x 70 ft., rein.-con., brick and steel, 13th St. $45,-000. Private plans.

Ind., Indianapolis—Freight House—Illinois Central R.R. Co., 135 East 11th Pl., Chicago, Ill., plans 1 story, 50 x 500 ft., rein.-con., brick and steel, South St. $250,-000. Private plans.

Ind., Rushville — Factory — L. Andres, having plans prepared 1 story, 60 x 100 ft., rein.-con. and brick, factory. $45,000. Private plans.

Ind., Terre Haute—Plant—Wadley Co., 1st and Poplar Sts., having plans prepared by Shourds-Stoner Co., Tribune Bldg., 2 story and basement, 95 x 125 ft., rein.-con. and brick, South 1st St. $40.000.

Wis., Milwaukee—Cold Storage—Greater Wisconsin Assn., c/o Milwaukee Assn. of Commerce, Bway. and Oneida Sts., plans brick and timber, plain foundation. $1.-000,000. Engineer and architect not selected.

Wis., Milwaukee—Plant—Moebius Printing Co., 133 2nd St., plans 2 story and basement, brick and tile, plain foundation, Michigan St. To exceed $40,000. Private plans.

Ia., Iowa Falls—Plant, etc.—Iowa Falls Electric Co., 412 Washington Ave., plans hydro-electric plant and dam in Iowa River.

Minn., Faribault—Plant—Election Dec. 11, $560,000 bonds for municipal electric light and central heating plant, also electric distribution system. $560,000. A. L. Mullergren, 555 Gates Bldg., Kansas City, Mo., engr. Noted Oct. 23.

Kan., Kansas City—Plant—Kansas City Steel & Wire Co., c/o H. J. Karlin, treas., City Hall, plans two 1 story, 80 x 250 ft. and 100 x 150 ft. plant. $550,000. Engineer and architect not selected.

Mo., Kansas City—Plant—Natl. Biscuit Co., 85 9th Ave., New York City, plans 1 story and basement, 55 x 170 ft., rein.-con. and brick addition, here, $250,000.

Mo., St. Joseph—Plant—Election Dec. 16, $300,000 bonds for city light plant. Noted Dec. 4.

Tex., San Marcos—Mill—S. M. Ransopher having plans prepared by Lockwood, Greene & Co., 24 Federal St., Boston, Mass., cotton mill, stone and brick, here. $1,000,000.

Wash., Anacortes—Mill—Owner, c/o R. S. Talbot, plans pulp mill, (1st unit) consists of single digester, capacity 20 tons daily.

Wash., Bellingham — Factory — Bloedel-Donovan Lumber Co., making plans improvements and extensions of lumber plant here, also rebuilding electrically operated box factory, recently destroyed by fire. $500,000.

Wash., Bellingham—Plant—Whatcom Co. Dairymen's Assn., plans enlarging powdered milk plant. $140,000.

Wash., Camas—Plant—Camas Lumber Co., J. O. Storey, pres., plans rebuilding plant, recently destroyed by fire, daily capacity 50,000 ft. lumber, incl. modern planing mill and dry kiln. $75,000.

Wash., Sedro Woolley—Plant—Sedro Box & Veneer Co., W. Royse, pres., plans rebuilding plant, recently destroyed by fire. $500,000 loss.

Wash., Tacoma—Plant—D. Davenport, (representing Montana interests), Rust Bldg., plans plant for manufacture of insecticides, producing 75,000 tons annually, 1st year's output will be 10,000 tons. $150,000.

Calif., Pittsburg—Factory—Petri Cigar Co., Battery and Vallejo Sts., San Francisco, plans factory, 5th and Black Diamond Sts. $50,000.

Ont., Belleville—Plant—Maisey Concrete Produce Co. Ltd., purchased 22 acre site and plans new plant.

Ont., New Liskeard—Plant—Wabu Iron Wks., plans building plant, recently damaged by fire. Loss $40,000.

Ont., Orillia—Plant—Ditchburn Pleasure Boats Co., Gravenhurst, making plans plant here. $50,000.

Ont., Tillsonburg — Plant — Regal Oil Corp., having plans prepared new plant here. $100,000. W. B. Brooks, c/o owner, engr.

BIDS DESIRED

Mass., Watertown — Factory — Jolly Ice Cream Co., taking bids 1 and 2 story, brick factory, Westminster and Main Sts. $40,-000. W. M. Haines, 32 Riverview Ave., Waltham, archt. Noted Nov. 20.

Pa., Phila.—Factory—Dec. 16, by E. A. Wightman, archt., Bankers Trust Bldg., 1 story and basement, 90 x 175 ft., brick and steel, plain foundation, 68th and Woodland Sts., for Simplex Valve & Meter Co., 1112 North Broad St. Noted Nov. 6.

Calif., Sacramento—Plant—L. F. Sparks, archt., Ochsner Bldg., taking new bids 2 story, rein.-con., 15th and R Sts., for Perfection Bread Co. Former bids rejected. Noted Dec. 4.

CONTRACTS AWARDED

Mass., Brockton—Factory—T. Field Co., 1 story, 60 x 125 ft., rein.-con., brick and steel, Lawrence St., to T. A. Jones Co., East Union St. Archts. est. $40,000.

Mass., Cambridge (Boston P. O.)—Repair and Service Garage—Barrett Co., 11 Beacon St., Boston, 1 story, 50 x 115 ft., rein.-con., brick and steel, to T. Mulcare, 1 Exeter Park, Cambridge. Archts. est. $40,000.

Mass., Dorchester (Boston P. O.)—Plant—Massachusetts Baking Co., 65 East Cottage St., 1 story, 120 x 144 ft., rein.-con., brick and steel addition, East Cottage St., to Leighton-Mitchell Co., 99 Chauncy St., Boston, $47,500.

Mass., Everett—Factory—Bradley Realty Co., 2 story and basement, 50 x 143 ft., concrete and brick, plain foundation, Spring St., to Clark & Lee Co., 77 Summer St., Boston. Archts. est. $43,000.

Mass., Lynn—Repair and Service Garage—Sprague, Breed-Stevens & Newhall, Central Sq., 1 story, 70 x 140 ft., rein.-con. and brick, Central Sq., to C. W. Wright, 23 Central Ave. Archts. est. $40,000. Noted Nov. 27.

Mass., Richmond—Plant—Pittsfield Lime & Stone Co., C. Sopher, pres., 152 West 42nd St., New York City, will build lime plant, concrete, stone and steel, by day labor, here. $200,000. R. T. Meade & Co., 13 East Fayette St., Baltimore, Md., archt.

Mass., Springfield—Manufacturing—Buxton, Inc., c/o H. L. Sprague, archt., 310 Main St., manufacturing building to E. J. Pinney, Inc., 374 Main St. Archts. est. to exceed $40,000.

N. Y., Hudson — Boiler House — See "Buildings—Commercial."

Pa., Economy—Heating Plant—Central Tube Co., 1st Natl. Bank Bldg., Pittsburgh, 1 story, 38 x 50 ft., brick and steel addition, here, to A. Laughlin Co., 1st Natl. Bank Bldg., Pittsburgh. Archts. est. $50,000.

Pa., Reading—Plant—Parrish Mfg. Co., c/o C. A. Dana, pres., 7th and Chestnut Sts., 1 story and basement, 200 x 600 ft. and 40 x 80 ft., brick and steel, plain foundation, Robeson and Weiser Sts., to L. H. Focht & Sons, Baer Bldg.

Fla., Lakeland—Plant—Southern Phosphate Co., designing and supervising construction new plant, to G. B. Massey, vice pres. Randolph-Perkins Co., engrs., 1210 First Natl. Bank Bldg., Chicago, Ill.

O., Cuyahoga Falls—Boiler House—Falls Rubber Co., Cuyahoga Falls, 1 story, 41 x 50 ft., brick and steel boiler house, to C. Ruhlin, 201 Cross St., Akron. Archts. est. $40,000.

Ind., Indianapolis — Plant — Real Silk Hosiery Mills, 624 North Noble St., 1 and 2 story and basement, 48 x 100 ft., rein.-con., brick and steel, North Noble St., to W. P. Junclaus, Massachusetts Ave. Archts. est. $75,000. Noted Nov. 7.

Wis., Kenosha—Factory—Hannah Mfg. Co., 528 Grand Ave., 2 story, 60 x 200 ft., brick and timber addition, plain foundation, Tremont St., to Madsen & Peterson, Builders Exch., Minneapolis, Minn. Archts. est. $50,000.

Wis., Kenosha—Foundry—Nash Motors Co., Pomeroy St., 1 story, 100 x 402 ft., brick and steel, plain foundation, to Warden-Allen Co., 208 South La Salle St., Chicago, Ill. Archts. est. $100,000.

Mo., St. Louis — Foundry — Mo. Brass & Metal Co., 314 North Bway., general contract group 1 and 2 story foundry buildings, Kingshighway and Manchester Rd. to Fruin-Colnon Constr. Co., Merchants-Laclede Bldg. Archts. est. $400,000.

Calif., Berkeley—Factory—Furch & Nelson, 79 12th St., Oakland, 1 story, concrete and brick factory, San Pablo and University Aves., to J. Carlson, 50 Yosemite St. $45,000.

Calif., Modesto—Plant—J. S. West & Co., 709 9th St., refrigeration plant addition and equipment, to York-California Constr. Co., 832 Folsom St., San Francisco, approximately $40,000.

Calif., San Francisco—Plant—J. Center Co., 810 Balboa Bldg., 1 story, concrete battery plant, Vermont and 17th Sts., to C. W. Gompertz, Balboa Bldg., $42,000.

Calif., San Francisco—Factory—Magner Bros., 114 9th St., 4 story, rein.-con. factory, Napoleon St. and Jerrold Ave., to M. Fisher, 711 Mission, $175,000; piling, to Barrett & Hilp, 918 Harrison St., $12,000. Noted Nov. 27.

Buildings—Commercial

PROPOSED WORK

Me., Portland—Hotel—Corporation, c/o Desmond & Lord, archts., 1 Beacon St., Boston, Mass., and J. H. De Sibour, associated archt., Edmonds Bldg., Wash., D. C., having plans prepared 11 story and basement, 150 x 210 ft., rein.-con., brick, stone and steel, plain foundation, Congress and High Sts. $2,500,000.

Mass., Abington—Memorial—Dyer Memorial Library, W. Coughlin, chn. trustees, Centre Ave., is raising $150,000 funds for memorial library, Centre Ave. Engineer and architect not selected.

Mass., Agawam—Church—New Mission Parish, c/o Archdeacon, 25 Harrison Ave., Springfield, having sketches made by C. C. Coveney, 184 Boylston St., Boston, for church and parish house, here. $150,000.

Mass., Amherst — Fraternity House — Delta Tau Delta Fraternity, Amherst College, having preliminary plans prepared, 3 and 4 story, brick fraternity house. J. D. Leland Co., 41 Mt. Vernon St., Boston, archt.

Mass., Boston—Apartment—L. S. Koufman, 94 Queensbury St., having plans prepared by G. N. Jacobs, 4 Park St., 8 story and basement, 60 x 110 ft., rein.-con., brick and steel, plain foundation, 1802 Commonwealth Ave., $350,000.

Mass., Boston—Office—Northern Realty Co., c/o J. C. Kiley, 18 Tremont St., having preliminary plans prepared by A. J. Carpenter, Jr., 1 Moss Hill Rd., Jamaica Plain, 5 or more story, rein.-con., brick and stone, 198-304 Cambridge St. $150,000 or more.

Mass., Brockton—Store and Office—Majestic Realty Co., c/o C. T. Olson, archt., 101 Main St., had plans prepared 1 story, 80x171 ft., brick, concrete and cast stone, Wales Ave. and Main St. $150,000.

Mass., Cambridge (Boston P. O.)—Apartment—Mishon & Cohen, 27 School St., Boston, having preliminary plans prepared by Whitten & Gore, 31 Milk St., Boston, 4 story and basement, 45 x 95 ft., brick and stone, Harvard St., here. $150,000.

Mass., Cambridge (Boston P. O.)—Apartment—E. W. Wyner, 18 Tremont St., Boston, having sketches made by G. N. Jacobs, 4 Park St., Boston, 5 or more stories, brick and stone, Holyoke and Mt. Auburn Sts., here. $150,000.

Mass., Cambridge (Boston P. O.) — Theatre—W. Tufts, c/o Tuck & Co., archts., 636 Warren St., Roxbury, having plans prepared 1 story, 80 x 100 ft., brick and steel, Massachusetts Ave., here. $150,000.

Mass., Everett (Boston P. O.)—Bank—Everett Natl. Bank, plans new bank, Bway. corner Cottage St. and Everett Sq. $150,000. Engineer and architect not selected.

Mass., Medford—Theatre—Owner, c/o Dow, Harlow & Kimball, archts., 184 Boylston St., Boston, having preliminary plans prepared 1 story and basement, brick and limestone, Main St., here. $150,000.

Mass., Norwood—High School—Bd. Selectmen having revised plans prepared by W. G. Upham, Bigelow Bldg., 2 story and basement, 58 x 227 ft., brick and stone, Nichols St. $300,000. Noted Dec. 4.

Mass., North Attleboro—Hotel—Owner, c/o L. D. Leland & Co., archts., 41 Mt. Vernon St., Boston, plans hotel, here. To exceed $150,000.

R. I., Newport—Hotel—Chamber of Commerce, W. C. Campbell, secy., plans 200 room hotel. $590,000 raised for project. Engineer and architect not selected. Noted Feb. 28.

N. Y., Albany—School—Bd. Educ. having plans prepared by M. T. Reynolds, archt. and engr., 100 State St., brick and steel, plain foundation, Delaware Ave. $800,000.

Buildings—Commercial (Continued)

N. Y., Brooklyn—School—Bd. Educ., 500 Park Ave., New York City, had plans prepared by W. H. Gompert, archt. and engr., Flatbush Ave. extension and Concord St., Brooklyn, brick, steel and stone addition to P. S. 91, plain foundation, Albany Ave. $400,000.

N. Y., Buffalo—Clubhouse—Elks Club, 211 Delaware Ave., had plans prepared by Townsend & McNeil, Dun Bldg., 6 story, 190 x 200 ft., brick and sandstone, Delaware Ave. $600,000.

N. Y., Buffalo—Garage, Office, etc.—G. W. Walker, (contractor) 64 Gill St., purchased site on Elmwood Ave. and plans garage, office building and shop. $150,000.

N. Y., Mechanicsville—School—Bd. Educ. plans two 4 story, 50 x 100 ft. wing addition to high school, Main St. $175,000. Engineer and architect not selected.

N. Y., New York—Apartment—Eleven Hundred Seven 5th Ave. Corp., c/o Rouse & Goldstone, archts. and engrs., 512 5th Ave., having plans prepared 100 x 120 ft. brick, steel and stone, plain foundation, 2 East 92nd St. $2,000,000

N. Y., New York—Apartment—Sixty East 65th St. Corp., c/o E. R. Carpenter, archt., 598 Madison Ave., having plans prepared 15 story, 100 x 160 ft., brick, steel and stone, plain foundation, 50 to 64 East 65th St. $1,500,000.

N. Y., New York—Garage—R. Fulton, c/o J. M. Felson, archt. and engr., 250 West 57th St., having plans prepared 4 story, brick, steel and rein.-con., plain foundation, 509 West 34th St. $250,000.

N. Y., New York—Office—J. P. Morgan, Wall and Broad Sts., having preliminary plans prepared by Trowbridge & Livingston, archts. and engrs., 527 5th Ave., 30 story, brick, steel and stone, plain foundation, 15 Broad St. $12,000,000.

N. Y., New York—Office and Stores—M. Natanson, 522 5th Ave., having plans prepared by M. Zipkes, archt. and engr., 25 West 43rd St., 4 story, brick, steel and stone, plain foundation, Nassau St. $200,000.

N. Y., Williamsville—Clubhouse—Country Club, having plans prepared by D. Lyman, 250 Delaware Ave., Buffalo, 3 story, 150 x 250 ft., rein.-con. and brick, Main St. $300,000.

Pa., Bellevue—Hospital—Suburban General Hospital having revised plans prepared by F. Griffen, Magee Bldg., Pittsburgh, 3 story and basement, 30 x 140 ft., brick on hollow tile. $150,000. Former bids rejected. Noted July 10.

Pa., Germantown (Phila. P. O.)—Apartment — Stetler & Deysher, archts., 1015 Chestnut St., Phila., preparing plans 4 story and basement, 150 x 200 ft., brick or stone, plain foundation, here. Owner's name withheld.

Pa., Harrisburg—High School—School Bd., 121 Chestnut St., having plans prepared by Lappley & Hornbostel, Ebner Bldg., Jno. Harris High School, 25th and Market Sts.

Pa., Harrisburg—Store—J. H. Dou[illegible] 4th and Market Sts., having plans prepared by C. J. Lappley, Ebner Bldg., 4 story and basement, 26 x 210 ft., Market St. near 4th St.

Pa., Merion—Apartment—Stetler & Deysher, archts., 1015 Chestnut St., Phila., preparing plans 5 story and basement, 100 x 150 ft., brick or stone and steel, plain foundation, here. Owner's name withheld.

Pa., Phila.—Apartment—Stetler & Deysher, archts., 1015 Chestnut St., preparing plans 15 story and basement, brick and steel, plain foundation. Owner's name withheld.

Pa., Phila.—Apartment—S. Schlosberg, 5446 Locust St., having plans prepared by Stetler & Deysher, 1015 Chestnut St., 4 story and basement, 75 x 150 ft., brick and steel, plain foundation, 43rd and Spruce Sts.

Pa., Phila.—Apartment—Stetler & Deysher, archts., 1015 Chestnut St., preparing plans 4 story and basement, 73 x 90 ft., brick and steel, plain foundation, 47th and Larchwood Sts. Owner's name withheld.

Pa., Phila.—Apartment—Walnut Constr. Co., 48th and Walnut Sts., having plans prepared by Stetler & Deysher, 1915 Chestnut St., 4 story and basement, 130 x 200 ft., brick and steel, plain foundation, 48th and Locust Sts.

Pa., Phila.—Convent—St. Cassmirs Roman Catholic Church, J. J. Kaulakis, pastor, 324 Wharton St., having plans prepared by B. Schulman, 1722 Arch St., 3 story and basement, 45 x 150 ft., brick and steel, plain foundation, 3rd and Wharton Sts. $150,000.

Pa., Stroudsburg—Apartment—J. E. Bullock, archts., 34 South 17th St., Phila., preparing plans 3 story and basement, 65 x 107 ft., brick apartment, here. $150,000. Owner's name withheld.

Pa., West View—High School—Bd. Educ. c/o G. Lang, Stanford Ave., having plans prepared by G. H. Schwan, Peoples Bank Bldg., Pittsburgh, 2 story and basement, brick on hollow tile and steel. $150,000. Noted Oct. 23.

Md., Baltimore—Police Headquarters—Mayor and City Council, City Hall, rejected bids 5 story and basement, 160 x 237 ft., concrete, brick and steel, plain foundation, Fallsway and Lexington Sts. Noted Nov. 27.

Va., Norfolk—Church—St. Lukes Episcopal Church, plans church and parish house. $400,000.

N. C., Raleigh—Office—W. N. Everett, state secy. rejected bids Dec. 1, 5 story and basement, 100 x 150 ft., concrete, steel and limestone, Salisbury and Morgan Sts. $400,000. Will readvertise at once. Atwood & Nash, Chapel Hill, archts. Noted Nov. 6.

Fla., Miami—Hotel—Bowman-Biltmore Hotel Corp., c/o J. M. Bowman, Biltmore Hotel, Madison Ave. and 43rd St., New York City, plans hotel, Buena Vista Ave. and Columbus Blvd., here. $1,000,000. Engineer and architect not selected.

La., New Orleans—Garage—United Cotton Realty Co., Maison Bldg., having plans prepared by Favrot & Livaudais, Hibernia Bank Bldg., 5 story, rein.-con. garage. $250,000.

La., New Orleans—Hotel—St. Charles Hotel, A. B. Wheeler, pres. Canal Commercial Bank Bldg., having plans prepared by E. Weil, Whitney Bank Bldg., remodeling hotel. $150,000.

Tenn., Knoxville—Hotel—Farragut Hotel Co., 526 South Gay St., having plans prepared by W. L. Stoddart, 50 East 41st St., New York City, 100 room addition. $200,000.

Tenn., Nashville—Church—Meridian St. Methodist Church having plans prepared by G. D. Waller, Independent Bldg., Sunday school and church auditorium, Meridian and Cleveland Sts. $150,000 funds being raised.

Tenn., Nashville—Office—Life & Casualty Insurance Co., 309 Church St., having preliminary sketches made by Hart & Nevens, Watkins Bldg., 10 story, rein.-con. and brick, 4th Ave. $500,000. G. Burton, pres. Noted Apr. 3.

O., Akron—Engineering—Goodyear Tire & Rubber Co., East Market St., plans 5 story and basement, 120 x 400 ft., East Akron St. $350,000-$400,000. Private plans.

O., Cleveland — Apartment — S. Kraus, 8902 Kemton Ave., had plans prepared by M. Altschuld, 5116 Woorland Ave., 3 story and basement, 33 x 144 ft., brick and timber, 854 Lakeview Rd. $150,000. Noted Oct. 2.

O., Cleveland—Apartment—J. Soglovitz, 932 Parkwood Dr., had plans prepared by G. Rudolph, 3922 Trumbull Ave., 3 story and basement, 38 x 218 ft., brick and timber, 1620 Crawford Rd. $225,000.

O., Cleveland — Apartment — J. Baskin, 9215 Parkgate Ave., having sketches made by R. H. Hinsdale, Erie Bldg., 3 story and basement, brick and timber, West 80th St. and Detroit Ave. $150,000.

O., Cleveland—Club—Owner, c/o A. M. Snyder, Williamson Bldg., plans brick, steel and concrete, business and social club. $300,000. Engineer and architect not selected.

O., Cleveland—Commercial Garage—F. N. Riley, Hanna Bldg., had plans prepared by J. F. Steffens, Fidelity Mortgage Bldg., 2 story and basement, 113 x 130 ft., brick, steel and concrete, 8311 Carnegie Ave. $150,000.

O., East Cleveland (Cleveland P. O.)—Apartment—S. Epstein, 9303 Adams Ave., Cleveland, had plans prepared by A. F. Janowitz, 811 Prospect Ave., Cleveland, 3 story and basement, 75 x 90 ft., brick and timber, Chapman Ave., here, $150,000.

O., Clevleand Heights (Warrensville P. O.)—High School—Bd. Educ., W. G. Nesbit, clk., 1805 Lee Rd., Cleveland, having plans prepared by F. Warner, Hippodrome Annex Bldg., Cleveland, 3 story and basement, brick and steel, Lee and Cedar Rds., here. $2,500,000.

O., Galion—High School—Bd. Educ., having plans prepared by Althouse & Jones, Mansfield, Old West High School, 2 story and basement, rein.-con. and brick. $225,000. Noted Nov. 27.

O., Lakewood (Cleveland P. O.)—Commercial and Apartment—Estates Properties Co., J. E. Cole, mgr., 5809 Euclid Ave., Cleveland, having plans prepared by L. F. Cleverly, 5809 Euclid Ave., Cleveland, 3 story, 60 x 130 ft., brick and steel, Detroit and Ethel Aves., here. $200,000.

O., Piketon—High School—Bd. Educ. having plans prepared by F. J. Porter, Summit St., Columbus, 2 story and basement, 100 x 120 ft., rein.-con. and brick. $150,000.

O., Shaker Heights (Cleveland P. O.)—School — Hathaway Brown School, P. Y. Withington, chn. Building Com., 1575 Mistletoe Dr., Cleveland, having plans prepared by Walker & Weeks, 1900 Euclid Ave., Cleveland, 3 story and basement, brick, steel and concrete, Courtland Blvd., here. $400,000.

O., Toledo—Athletic—Toledo Club, Madison and 14th Sts., had plans prepared by Mills, Rhines, Bellman & Nordhoff, 1234 Ohio Bldg., athletic building. $172,000.

O., Toledo—Hospital—Lutheran Denomination, conducting a campaign to raise $250,000 to purchase hospital.

O., Willard — High School — Bd. Educ. having plans prepared by G. E. Scott, Norwalk, 2 or 3 story and basement, rein.-con. and brick high school. $175,000.

Ind., Evansville — Business — Evansville Supply Co., having plans prepared by A. E. Neucks, Old State Bank, 2 story and basement, 140 x 300 ft., brick and timber, 1st Ave. $150,000.

Ind., Indianapolis — High School — Bd. School Comrs., Indianapolis, having plans prepared by Harrison & Turnock, Bd. Trade Bldg., 2 story and basement, rein.-con., brick and steel, West Washington St. $500,000.

Ind., Terre Haute—Funeral Parlors—R. J. Ryan & Sons, 121 South 6th St., having plans prepared by Shourds-Stoner Co., Tribune Bldg., 2 story and basement, 122 x 150 ft., rein.-con., brick and steel, South 6th St. $175,000.

Mich., Ann Arbor — Laboratory—University of Michigan having preliminary plans prepared by A. Kahn, 1000 Marquette Bldg., Detroit, 3 story and basement, rein.-con., brick and steel, plain foundation, on campus. $150,000.

Mich., Detroit—Church and Rectory—St. Rose of Lima Church, c/o Van Leyen, Schilling, Keough & Reynolds, archts., 3440 Cass Ave., having plans prepared 2 story and basement, 90 x 180 ft. church, and 58 x 70 ft. rectory; brick, steel and stone, plain foundation, Kercheval Ave. $300,000.

Mich., Detroit—Hotel—B. C. Wetzel & Co., archts., 2317 Dime Bank Bldg., preparing plans 5 story and basement, 120 x 160 ft., brick, steel and concrete, plain foundation. $175,000. Owners name withheld.

Ill., Chicago—Apartment—Co-Operative Apartment Co., c/o B. H. Marshall, archt., 612 Sheridan Rd., Wilmett, having plans prepared 17 story and basement, 133 x 318 ft., brick, rein.-con. and steel, caisson foundation, 209 Lake Shore Dr. $1,500,000.

Ill., Chicago—Apartment—J. C. Johnson, pres. Equitable Bond & Mortgage Co., 11[illegible] North Dearborn St., having plans prepared by H. H. Green, 300 South Michigan Ave., 3 story and basement, pressed brick and stone, 521 Cornelia Ave. $150,000.

Ill., Chicago—Apartment—F. J. Knight, 5654 Wayne Ave., having plans prepared by P. F. Olson, 720 Cass St., 3 story and basement, 85 x 135 ft., brick and stone, plain foundation, Oakdale and Mildred Aves. $165,000.

Ill., Chicago—Church—Fifteenth Church of Christ Scientist, c/o L. D. Gage, 5969 Midway Park, chn. Building Comn., having plans prepared by N. M. Dunning, 310 South Wabash Ave., 100 x 188 ft., rein-con., terra cotta, brick and stone, plain foundation, Central Ave. and Fulton St. $300,000.

Ill., Chicago—Hospital, etc.—University of Chicago, c/o E. DeW. Burton, pres., having sketches made hospital and medical school, 2 libraries, student dormitory, chapel, gymnasium and refectory, midway from Dorchester Ave. to Drexel Blvd. $17,500,000. Engineer and architect not selected.

Ill., Chicago—Hotel—L. A. Bentley, 601 Diversey Blvd., having sketches made 12 story hotel. $1,000,000. Engineer and architect not selected.

Ill., Chicago—Hotel—Congress Hotel Co., H. L. Kaufman, pres., Michigan and Congress Sts., having plans prepared by Holabird & Roche, archts. and engrs., 104 South Michigan Ave., 32 story and basement addition. $5,000,000.

Ill., Chicago—Hotel, Theater and Office—Eithel Bros., 177 West Randolph St., having sketches made 22 story hotel, theater and office building, 177 West Randolph St. $2,000,000. Private plans.

Ill., Chicago—Hotel—Harvey & Dammarell, 620 West Madison St., having plans prepared by A. S. Alschuler, Inc., 28 East Jackson Blvd., 12 story and basement, 110 x 135 ft., brick, terra cotta and steel caisson foundation, North Franklin St. $1,000,000.

Ill., Chicago—Library—Plans election in February, $3,000,000 bonds for branch library.

Ill., Chicago—Lodge—LaFayette Council No. 361, Knights of Columbus, L. Schoeneman, chrn. building comm., having plans

Buildings—Commercial (Continued)

prepared by Shattuck & Layer, 19 South La Salle St., 3 story and basement, 144 x 265 ft., rein.-con. and brick, plain foundation, Fullerton and Fairfield Sts. $500,000.

Ill., Chicago—Office—Roanoke Building Corp. J. J. McCormick Estate, 332 South Michigan Ave., having plans prepared by Holabird & Roche, archts. and engrs., 104 South Michigan Ave., 43 story and basement, 40 x 125 ft., brick, stone and steel, caisson foundation, 129 West Madison St. $3,000,000.

Ill., Chicago—Office—West Side Natl. Bank, 1601 West Roosevelt Rd., having sketches made 79 x 125 ft., Harrison and Halstead Sts. $250,000. Engineer and architect not selected.

Ill., Chicago—Store—A. Leiblin, 1351 West Roosevelt Rd., having sketches made by E. Steinberg, 109 North Dearborn St., 4 story and basement store. $150,000.

Ill., Chicago—Theater—J. Manta, c/o F. Zajicek, 1415 West 18th Pl., having sketches made for theater, Loomis and 18th Sts. $150,000. Engineer and architect not selected.

Ill., Chicago—Theater—Natl. Theaters Corp., c/o J. J. Cooney, pres., 7542 Cottage Grove Ave., having plans prepared by J. E. Eberson, 212 East Superior St., 3 story and basement, Stoney Island Ave. near 79th St. $650,000.

Ill., Cicero—Apartment—J. Pangrle, 2239 South Euclid St., Berwyn, having plans prepared by C. Vittner, 2531 South 61st St., 3 story and basement, 97 x 100 ft., brick, plain foundation, 53rd and 22nd St. $170,000.

Ill., Joliet—Hotel—L. J. Crowley, Natl. Bank Bldg., having plans prepared by Zimmerman, Saxe and Zimmerman, 219 East Superior St., Chicago, 7 story and basement, 75 x 100 ft., brick and terra cotta, plain foundation, Clinton and Ottawa Sts. $375,000.

Ill., Joliet—Hotel—G. Dimas, 109 North Chicago Ave., having plans prepared by W. Ahlschlager, 65 East Huron St., Chicago, 4 story and basement, 100 x 180 ft., rein.-con., brick and steel, concrete pile foundation, Scott and Van Buren Sts., $500,000. S. Klein, 232 East Erie St., Chicago, engr.

Ill., Freeport — High School — Freeport Community High School Dist., etc., voted $450,000 bonds for 3 story high school.

Ill., Oak Park—Apartment—J. Pangrle, 2239 South Euclid St., Berwyn, having plans prepared by C. Vittner, 2531 South 61st St., Cicero, 3 story and basement, 111 x 123 ft., brick and stone, plain foundation, Van Buren and Austin Sts., here. $170,000.

Ill., River Forest — Apartment — Cummings & Foreman, 105 Wisconsin St., Oak Park, having sketches made by Hall, Lawrence, Ripple & Ratcliffe, 123 West Madison St., Chicago, 3 story and basement, 125 x 150 ft., Lake and Bonnie Sts. $200,000.

Wis., Green Bay—Hotel—Hotel Wisconsin Realty Co., c/o W. Schroeder, pres., 86 Michigan St., Milwaukee, having preliminary plans prepared by M. Tullgren & Sons, 425 East Water St., Milwaukee, 9 story and basement, brick and concrete addition to Netherland Hotel, plain foundation. $200,000.

Wis., Madison—Garage—Madison Motor Car Co., c/o F. Wooton, pres., 325 West Gorham St., having plans prepared 3 story, 60 x 210 ft., brick, rein.-con. and steel, plain foundation, Gorham St. $160,000. Private plans. This corrects report in Dec. 4 issue.

Wis., Milwaukee — Apartment — G. W. Adams Building Co., 114 Grand Ave., having preliminary plans prepared by R. Razall, Cass and Martin Sts., 3 story and basement, brick and tile, plain foundation, on east side. $150,000.

Wis., Milwaukee — Apartment — J. Hunholz, 2310 Vliet St., having plans prepared by Dick & Bauer, 811 State St., 8 story and basement, 62 x 75 ft., brick and concrete, plain foundation, Mason St. $200,000.

Ia., Creston—High School—Election Dec. 15th (extended date) $275,000 bonds for new high school. Noted Nov. 13.

Minn., Minneapolis—Auditorium—Council Auditorium Com., J. Peterson, chn., soon takes bids 5 story and basement, 230 x 540 ft., rein.-con., steel, brick and stone, Grant St. and 3rd Ave. $3,000,000. Croft & Boerner, 1006 Marquette Ave., archts.

Kan., Atchison—Monastery—Benedictine Fathers, c/o St. Benedicts Abbey, having preliminary plans prepared by E. Breillmeier & Sons, 432 Bway., Milwaukee, Wis., 3 story and basement, 300 x 300 ft., rein.-con., brick and stone. Noted Dec. 4.

Neb., Bloomington—Court House—City having plans prepared by G. A. Berlinghof, 14 Orpheum Bldg., Lincoln, 4 story and basement, 70 x 90 ft., rein.-con., brick and stone court house. $200,000.

Mo., Kansas City—Hotel—J. M. McConnell, Kansas City, having plans prepared by R. F. Gornall, 203 Bruening Bldg., 8 story and basement, 60 x 150 ft., brick, stone and terra cotta. $1,000,000.

Tex., Dallas—Apartment—T. R. Burns, 1100 Collins St., soon takes bids 6 story, brick, stone and rein.-con., South Ervay St. $250,000. J. P. Goss, Memphis, Tenn., archt.

Tex., Dallas—Apartment—J. W. Westbrook, archt., 407½ North Bishop St., soon takes bids 3 story and basement, 70 x 107 ft., concrete, brick and tile, Ewing St. near Colorado St., for J. R. Hill, 824 Marsalis Ave. $155,000.

Tex., Ft. Worth—Club—Ft. Worth Club, having plans prepared by Sanguinett, Staats & Hedrick, 1005 1st Natl. Bank Bldg., and soon takes bids 12 story and basement, 95 x 200 ft., brick, terra cotta and rein.-con. $1,250,000.

Calif., Sunnyside — School — Westside Union High School Dist. defeated $225,000 bonds, group of fireproof high school buildings. Noted Nov. 20.

Calif., San Francisco—Hotel—Rousseau & Rousseau, 1171 Market St., having preliminary plans prepared 16 story and basement, class A hotel, Market and 8th Sts. $1,500,000.

Ont., Oshawa—Hotel—Oshawa Hotel Co., Ltd., plans hotel. $300,000. Engineer and architect not selected.

Ore., Portland — Theatres — Benmis & Hertzog, archts., Portland, take bids about Mar. 1, 1 and 3 story, 100 x 100 ft. theatre, Hawthorne and East 38th St., also 1 and 3 story, 100 x 100 ft. theatre on Sandy Blvd. and East 41st St., both rein.-con. and timber, plain foundations, for Jensen & Von Herberg, Liberty Theatre Bldg. $175,000 each.

Que., Quebec — School — School Comrs. having plans prepared by R. Chenevert, Quebec, repairing and constructing addition to St. Joseph Acadamy. $600,000.

BIDS DESIRED

Mass., Boston—Hotel—Dec. 15, Hotel Statler, E. M. Statler, pres., Hotel Pennsylvania, 33rd St. and 7th Ave., New York City, 12 story, brick, stone and steel, Arlington St., here. $4,000,000. G. B. Post & Sons, 101 Park Ave., New York City, archts. Noted June 5.

Mass., New Bedford — Hospital — St. Luke's Hospital Corp., Allen St., taking bids 2 story and basement, 50x180 ft., brick and cast stone, Allen and Page Sts. To exceed $150,000. Stevens & Lee, 9 Park St., Boston, archts.

N. Y., Ithaca—School—Dec. 18, by Bd. Educ., at office Gibb & Waltz, archts., Ithaca Savings Bank Bldg., School 2, South Geneva and West Clinton Sts.

N. Y., New York—Physics **Building**—Dec. 16, by Columbia University, 116th St. and Morningside Dr., N. M. Butler, pres., brick, steel and stone, plain foundation, 116th St. $750,000. McKim, Mead & White, 101 Park Ave., archts.

N. Y., New York—Schools, etc.—Dec. 15, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, alterations, repairs, etc., at P. S. 8, Bainbridge and Briggs Ave., and P. S. 32, at East 183rd St., Cambreleng and Beaumont Aves., also improving playground opposite P. S. 52, Kelly St. between Leggett Ave. and Avenue St. John, Bronx Boro.

Pa., Elkins Park—High School—Dec. 23, by School Bd. Cheltenham Twp., 3 story and basement, 156 x 190 ft., rein.-con. and brick, plain foundation. Davis, Dunlap & Barney, 1805 Walnut St., archts.

Pa., Phila.—High School—Dec. 17, by Bd. Educ., 19th and Chestnut Sts., 5 story, basement and sub-basement, 222 x 317 ft., rein.-con. and brick, plain foundation, 59th and Lane Sts. Private plans.

Pa., Pittsburgh—Hospital—Dec. 17, by Homeopathic Hospital, and C. Dowler, archt., Mayer Bldg., altering and constructing 6 story and basement addition $300,000.

Pa., Pittsburgh—Hospital—Dec. 13, by Childrens Hospital, Forbes and McDevitt Sts., and E. P. Mellon, archt., 350 Madison Ave., New York City, 11 story and basement, brick, stone and steel. $1,500,000. York & Sawyer, 100 East 42nd St., New York City, associated archts.

Pa., Wilkes-Barre—School—Dec. 16, by Wilkes-Barre Institute, 3 story and basement, rein.-con., brick and stone school. $300,000. W. B. Ittner, 911 Locust St., St. Louis, Mo., archt.

Md., Cumberland—Home—Dec. 27, by Y. M. C. A., W. H. Lewis, genl. secy., 3 story and basement, 95 x 119 x 193 ft., brick and steel, plain foundation. $350,000. Shattuck & Layer, 19 South La Salle St., Chicago, Ill., archts. Noted Aug. 7.

O., Cleveland—Commercial—J. W. Wilson, 8314 Euclid Ave., taking bids 4 story and basement, 90 x 155 ft., brick steel and concrete, 5205 Euclid Ave. $200,000. A. W. Harris, Discount Bldg., archt.

O., Cleveland—School—Dec. 13, by St. Andrews Roman Catholic Church, S. Gmuca, pastor, 5103 Superior Ave., 2 story and basement, 100 x 150 ft., brick, steel and concrete, East 51st St. $200,000. Noted Nov. 20.

O., Columbus—Hall—Dec. 22, by Richards, McCarty and Bulford, archts., 584 East Broad St., 5 story and basement, 120 x 130 ft., brick, steel and terra cotta, East State St., for Knights of Columbus, 6th and State Sts. $500,000. Noted Feb. 14.

O., East Cleveland (Cleveland P. O.)—Apartment—Park Realty & Investment Co., A. Gusman, c/o Merchants Savings & Loan Co., East 4th St. and Huron Rd., Cleveland, taking bids 3 story and basement, 75 x 90 ft., brick and timber, Chapman Ave., here. $150,000. A. F. Janowitz, 811 Prospect Ave., Cleveland, archt.

O., Springfield—Hospital, etc.—Dec. 29, by Comrs. Clark Co., 3 and 4 story and basement, 38 x 190 ft., brick and concrete tuberculosis hospital, 2 story and basement, 89 x 106 ft. Service building, 2 story and basement, 51 x 53 ft. nurses' home, and 1 story and basement, 53 x 158 ft. children's building. J. E. Welsh, chn. $360,000. Schenck & Williams, 908 Mutual Home, Dayton, archts.

Ind., Hammond — Hotel — Ambassador Hotel Co., taking bids 9 story and basement, 98 x 150 ft., rein.-con., brick and steel, State St. $750,000.

Ind., Indianapolis—Theatre—A. C. Zaring, 30th and Illinois Sts., taking bids 2 story and basement, 125 x 170 ft., rein.-con. and steel, Central Ave. $150,000. F. B. Hunter, State Life Bldg., archt.

Mich., Detroit—School—Dec. 19, by Bd. Educ., 2 story and part basement, 161 x 203 ft., rein.-con., brick, steel and stone, plain foundation, Linwood and Midland Aves. $300,000. Malcomson & Higginbotham, 1217 Griswold St., archts.

Ill., Chicago—Apartment—G. E. Carlson, 5011 Ravenswood Ave., taking bids 3 story and basement, 100 x 154 ft., brick and stone, plain foundation, Ridge Ave. and Lunt St. $150,000. G. E. Larson, 4857 North Drake Ave., archt.

Ill., Chicago — Apartment — Dearborn Lodge Building Corp., c/o H. Erlinger, pres., 735 Yates Ave., taking bids 5 story and basement, 41 x 132 ft., pressed brick and stone, plain foundation, 1348 North Dearborn St. $185,000. Ahrenstein and Hild, 222 East Ontario St., archt.

Ill., Chicago—Store—General Furniture Co., c/o J. B. Greenwald, pres., 3039 East 92nd St., taking bids 3 story and basement, 72 x 124 ft., brick, terra cotta and steel, plain foundation, East 92nd St. $150,000. I. S. Stern, 25 South Dearborn St., archt.

Wis., Milwaukee—Garage—Dec. 16, by A. L. Seidenschwartz, archt., 290 3rd St., 2 story and basement, 62 x 156 ft., brick and concrete, plain foundation, Grand Ave. $150,000. Owner's name withheld.

Okla., Bartlesville—High School—Dec. 22, by F. E. Thurman, clk. Bd. Educ., Senior High School, 3 story and basement, 120 x 180 ft., rein.-con., brick and stone. $290,000. J. H. Felt & Co., Grand Ave. Temple, Kansas City, Mo., archts. Noted Dec. 4.

BIDS RECEIVED

Mass., Dorchester (Boston P. O.)—School—School House Dept., Boston, F. V. Thompson School, 2 story and basement, 85 x 140 ft., brick, stone and limestone, plain foundation, Maxwell and Seldon Sts., here, from McDonald & Imhoff, 164 Dudley St., Roxbury, $195,000. Noted Nov. 27.

Mass., Lowell — Court House — Comrs. Middlesex Co. (Cambridge), 2 story and basement, rein.-con. and brick, Hurd St., here, for Commonwealth of Massachusetts, Boston, from J. M. Hartwell, 46 Cornhill St., Boston, $133,701. Noted Nov. 27.

Md., Baltimore—School—Mayor and City Council, City Hall, 3 story and basement, 54 x 115 ft., concrete and brick addition, plain foundation, Pimlico Rd. and Thorndale Ave., from C. L. Stockhausen Co., Gay and Water Sts., $244,948. Noted Nov. 27.

Ia., Cedar Falls—Gymnasium—State Bd. Educ., Des Moines, Nov. 25, general contract 1 story and basement, 170 x 210 ft.,

Buildings—Commercial (Continued)

rein.-con., brick and steel, here, from Bracker Constr. Co., 752 Builders Exch., Minneapolis, Minn., $132,871. Noted Nov. 13.

Mo., St. Louis—School—Bd. Educ., general contract 2 story and basement, rein-con., brick and stone, Scott Farm, from J. Hill Constr. Co., 1413 Syndicate Trust Bldg., $106,467.

Que., Three Rivers—School—Bd. Educ., 3 story, 72 x 203 ft. school, St. Cecile St., general contract, from G. A. Gruninger, Three Rivers, $224,000; plumbing, heating and ventilating, from Germain & Bros., Three Rivers, $47,500.

CONTRACTS AWARDED

Mass., Boston—Police Headquarters—Pub. Building Dept., City Hall, 7 story, story, basement and sub-basement, 100 x 140 ft., brick and stone, Stuart, Berkley and Stanhope Sts., to J. Rugo, 80 Boylston St., $588,440. Noted Nov. 27.

Mass., Boston—Warehouse—J. F. Buron, c/o Funk & Wilcox, archts., 26 Pemberton Sq., 3 story and basement, 60 x 100 ft., Lansdowne St., to Hub Constr. Co., 333 Washington St. Archts. est. $150,000.

Mass., Brookline (Boston P. O.)—Apartment—F. Diliberto, 43 Tremont St., Boston, 8 story and basement, 7,300 ft. floor space, brick and stone, 1401 Beacon St., to R. J. Grauvreau & Co., Inc., 43 Tremont St., Boston. Archts. est. $600,000.

Mass., Cambridge (Boston P. O.)—Storehouse and Office—Edgemont Realty Trust, Erie St., 2 story, 1,700 ft. floor space, brick and timber, Erie and Albany St., to J. W. Bishop Co., 685 Atlantic Ave., Boston. Archts. est. $150,000. Noted Dec. 4.

Mass., Worcester—Store and Office—P. H. Duprey, 390 Main St., 6 story and basement, 40 x 95 ft., brick and limestone, Main St., foundation, to E. F. Minor Building Co., 25 Foster St.; and steel work, to Eastern Bridge & Structure Co., 88 Crescent St. Archts. est. $175,000. Noted Nov. 13.

R. I., Providence—Apartment Hotel—Wayland Sq. Corp., Wayland Sq., 8 story apartment hotel, Wayland Sq., to Owners Impvt. Corp., 50 East 42nd St., New York City. Archts. est. $850,000. Noted Sept. 25.

R. I., Warwick—High School—School Dept., Town Hall, 2 story and basement, 150 x 235 ft., brick and steel, plain foundation, Apponaug Sect., to Rowley Constr. Co., 260 Central Ave., Pawtucket. Archts. est. $400,000. Noted Oct. 30.

N. Y., Brooklyn—Apartment—N. Epstein, c/o Seelig & Finkelstein, archts. and engrs., 44 Court St., will build brick, steel and stone, plain foundation, Coney Island Ave., by day labor. $150,000.

N. Y., Brooklyn—Church—St. Francis de Chantal Roman Catholic Church, 57th St. and 13th Ave., 3 story, steel and stone, plain foundation, to P. J. Hoey Co., 166 Montague St. Archts. est. $200,000.

N. Y., Hudson—Warehouse, etc.—C. A. Van Dusen Co., Hudson, 5 story and basemen,t 95 x 132 ft., rein.-con. warehouse, and 1 story, 30 x 40 ft. boiler house, to Feeney & Sheehan Building Co., 164 Montgomery St., Albany. Archts. est. $250,000.

N. Y., New York — Bank and Office — Amer. Union Bank, 10 East 22nd St., 24 story, brick, steel and stone, plain foundation, 39th St. and 7th Ave., to Shroder & Koppel, Inc., 347 Madison Ave.

Pa., Easton—Hotel—Hotel Easton Corp., A. Seip, Northampton Bank Bldg., 7 story and basement, 112 x 136 ft., brick and steel, plain foundation, Northampton and Green Sts., to Moore & Co., Schoff Bldg., Phila. Noted Nov. 27.

Pa., Phila.—Apartment—D. Simpson, c/o E. A. Roth, archt., Drexel Bldg., 2 story and basement, 50 x 145 ft., brick and steel, plain foundation, 6236 North Broad St., to A. Laub, 812 Wyoming St. Archts. est. $150,000.

Pa., Phila.—Theatre and Office—A. H. Gilbert, archt., 80 Maiden Lane, New York City, bank and office building, Broad and Locust Sts., here, to Lynch Constr. Co., 100 East 42nd St., New York City. Owner's name withheld.

Md., Baltimore—Parish House—E. L. Palmer, archt., 513 North Charles St., 3 story, stone, plain foundation, St. Paul and Charlotte Rd., to M. A. Long Co., 17 Guilford Ave., for 2nd Presbyterian Church, R. Leetch, pastor, 2522 North Charles St. $150,000. Noted Sept. 18th.

Md., Evergreen (Baltimore P. O.)—Hall and Gymnasium—L. R. White, Jr., archt., Hearst Tower, Baltimore, 2 story, 78 x 153 ft. with 40 x 100 ft. wing stone, plain foundation, here, to H. Smith & Sons, 113 South Hanover St., Baltimore, for Loyola College. $150,000. Noted Aug. 21.

Fla., Tampa—Jail—Hillsborough Co., 3 story and basement, rein.-con. and brick, to J. M. Lawton & Co., Tampa, $127,950; cell equipment to Pauly Jail Building Co., 2215 De Kalb St., St. Louis, Mo., $181,189; plumbing, to R. T. Joughin & Co., 204 Nebraska Ave., Tampa, $44,533. Noted Nov. 20.

O., Akron—Warehouse—F. W. Albrecht Grocery Co., Mill St. Viaduct, 2 story and basement, 250 x 350 ft. warehouse 740 Tallmadge St., to Clemmer & Johnson Co., 406 Metropolitan Bldg., $330,000.

O., Cleveland — School — St. Wendelins Roman Catholic Church c/o W. C. Jansen, archt. 1227 Prospect Ave., 2 story and basement, brick, steel and concrete, West 7th St., to C. A. Carson Co., 5716 Euclid Ave. Archts. est. $300,000.

O., Lakewood (Cleveland P. O.)—School—Bd. Educ., G. W. Grill, clk., 1456 Warren Rd., 2 story and basement, 72 x 138 ft., brick, steel and concrete, Kyle Ave., to G. H. Moehlman, Norwalk, $142,363. Noted Dec. 4.

O., Youngstown—Theater and Office—T. W. Lamb, archt., 644 8th Ave., New York City, 4 story and basement, 140 x 220 ft., brick, steel and concrete, Wick Ave. and Public Sq., here, to Mellon-Stuart Co., Oliver Bldg., Pittsburgh, Pa., for Palace Realty Co., W. A. Carroll, pres., Realty Trust Bldg. Archts. est. $1,500,000. Noted Nov. 20.

Mich., Redford—School—School Dist. 2, 1 story and part basement, 24 room, rein.-con., brick and steel, plain foundation, to Stibbard Constr. Co., 438 West Forest Ave., Detroit. Archts. est. about $250,000.

Ill., Addison—Home—Addison Industrial Home, 2 story and basement, 169 x 245 ft., brick and concrete, to Schultz Constr. Co., 3620 North Kilbourn St., Chicago. Noted Nov. 13.

Ill., Jacksonville — Hotel — Jacksonville Hotel Corp., c/o M. F. Dunlap, pres., Ayers Natl. Bank Bldg., general contract 5 story and basement, 88 x 180 ft., rein.-con., brick, stone and terra cotta, State and Morgan Sts., to J. B. French Co., 30 North Michigan Ave., Chicago. Archts. est. $400,000. Noted July 31.

Wis., Milwaukee—Apartment—Peacock & Frank, archts., 445 Milwaukee St., 5 story and basement, 72 x 100 ft., brick, steel and concrete, plain foundation, Prospect Ave., to Bentley Bros., 808 South Pierce St., for Badger Building Serv., 445 Milwaukee St. Archts. est. $250,000. Noted Oct. 30.

Wis., Milwaukee — Storage — Milwaukee Corrugating Co., 36th Ave. and Burnham St., 2 story, 200 x 210 ft., brick and timber addition, plain foundation, Burnham St., to Klug & Smith, 69 Wisconsin St. Engrs. est. $160,000.

Ia., Cedar Falls—Gymnasium—State Bd. Educ., W. H. Gemmill, secy., 2837 Kingman St., Des Moines, general contract 1 story and basement, 170 x 210 ft., rein.-con., brick and steel, to Bracker Constr. Co., 752 Builders Exch., Minneapolis, Minn., $132,871. Noted Nov. 13.

Kan., Topeka — School, etc. — Security Benefit Assn., 7th St. and Harrison Ave., general contract 2 story and basement, 35 x 94 ft. dormitory, to Senne Constr. Co., 518 Kansas City, 2 story and basement, 80 x 90 ft. school, to G. H. Gurtler, Box 173, both rein.-con. and brick.

Neb., Omaha—Bank—Federal Reserve Bank, 10th St. and Grand Ave., Kansas City, Mo., general contract, 3 story and basement, 65 x 132 ft., rein.-con., brick and steel, 17th and Dodge Sts., to Selden-Breck, 205 Arthur Bldg., Omaha, $426,451. Noted Oct. 23.

Tex., Dallas—Warehouse—Olive & Myers Mfg. Co., 2220 Young St., will build 5 story and basement, 100 x 200 ft. warehouse, by day labor. $250,000 plus percentage basis. Amer. Constr. Co., 410 Gulf Bldg., Houston, engrs.

Calif., Los Angeles—Lodge—Golden State Masonic Lodge, remodeling present structure and constructing 3 story and basement, brick annex, Hoover, Union and 23rd Sts., to McFadden & Winkelman, 1102 West Pico St., $150,000 or more.

Calif., San Francisco—Apartment—L. Stoff, 1035 Sutter St., will build 6 story and basement, rein.-con., Post St. between Hyde and Larkin Sts., by day labor. $150,000. Baumann & Jose, 251 Kearney St., archts.

Ont., Sandwich—Jail—W. P. Coyle, clk. Essex Co., County Bldg., 2 story and basement, 250 x 345 ft., stone, Sandwich St., to J. V. Gray Constr. Co., Belle Isle Ave., Ford, $165,000; heating and plumbing, to J. LeHeureux, Windsor, $39,000. Noted Nov. 27.

Que., St. Bruno—College—Brothers of St. Gabriel, constructing 4 story, 60 x 160 ft. college, to A. Pion, 83 Craig St., Montreal. Archts. est. $193,000.

Federal Government Work

PROPOSED WORK

N. Y., Brooklyn—Incinerator, etc.—Spec. 5052—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans incinerator plant and chimney at Naval Hospital, here.

La., Lake City—Hospital—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., having preliminary plans prepared brick and concrete addition to U. S. Veterans Hospital, here, incl. mess hall, kitchen, storehouse, garage, remodeling and repairing existing buildings, rebuilding roads and sidewalks, etc.

Ill., Belleville—Buildings—U. S. War Dept., Wash., D. C., having preliminary plans prepared group of buildings for Scott Field Aviation Station.

Mo., Jefferson Barracks—Buildings—U. S. War Dept., Wash., D. C., plans brick and concrete buildings for U. S. Army Post, on Mississippi River, here.

BIDS DESIRED

Vt., Burlington—Breakwater—U. S. Engineer Office, 710 Army Bldg., 39 Whitehall Bldg., New York City, rejected bids Nov. 24, repairing breakwater, here. Will readvertise next year. Noted Oct. 23.

Mass., South Boston (Boston P. O.)—Sewers—Bureau Yards & Docks, Navy Dept., Wash., D. C., taking bids sewerage system at Dry Dock, here.

D. C., Wash.—Laboratory Equipment, etc.—Dec. 18, by Dept. Interior, Wash., D. C., supplying laboratory and other equipment, for Freedmen's Hospital. F. M. Goodwin, asst. secy.

S. C., Anderson—Extension, etc.—Jan. 5, by Treas. Dept. at office Supervising Archt., Wash., D. C., extending and remodeling post office, here; adv. E. N.-R. Dec. 11.

O., Cincinnati—Towboats—Jan. 8, by U. S. Engineer Office, 405 Customhouse, two 70 ft. Diesel electric sternwheel towboats; adv. E.N.-R. Dec. 11.

Mo., Harrisonville—Post Office—Dec. 29, by Treas. Dept. at office Supervising Archt., Wash., D. C., constructing postoffice, here; adv. E. N.-R. Dec. 11.

Mo., St. Louis—Levee Work—Dec. 23, by Mississippi River Comn., 1311 International Bldg., 600,000 cu.yd. earthwork in Levee Dist. 1, Perry Co.; adv. E. N.-R. Dec. 11. Former bids rejected. Noted Nov. 27.

BIDS RECEIVED

Mass., Boston—Breakwater, etc.—Treas. Dept. at office Supervising Archt., Wash., D. C., constructing breakwater, here, from W. L. Miller Co., 171 Alford St., $14,980; rebuilding sea wall, here, from G. T. Rendle Co., 188 Falcon St., $4,800. Noted Nov. 6.

N. C., Poyners Hills—Septic Tank, etc.—Spec. 5030—Bureau Yards & Docks, Navy Dept., Wash., D. C., septic tank and tile drain, from J. B. Daleley, Manteo, (1) $649 (2) $0.26.

Ga., Douglas—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., supplemental bids constructing post office, here, from Deams & Groggin, Williamstown, Mass., (1) $500 (2) $1,650 (3) $1,200 (4) $926 (5) $1,300. Noted Dec. 4.

Fla., St. Petersburg—Driveway—Treas. Dept. at office Supervising Archt., Wash., D. C., covering and enclosing driveway at U. S. Post Office, here, from Unkefer Bros. Constr. Co., Cleveland, O., $5,366. Noted Nov. 13.

Ill., Great Lakes—Sewerage System—Spec. 5014—U. S. Engineers Office, Wash., D. C., sewerage system improvements, here, from Schlinger Constr. Co., 2319 North Ceeley Ave., Chicago, Ill., (1) $13,381 (2) $12,336 (3) deduct $600. Noted Oct. 30.

Calif., San Diego — Elevator — Bureau Yards & Docks, Navy Dept., Wash., D. C., elevator at hospital, here, from S. Heller Elevator Co., 250 Milwaukee St., Milwaukee, Wis., (1) $5,896 (2) $6,186 (3) $6,426.

Calif., Stockton — Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., alterations and extensions to postoffice, here, from J. F. Shepherd, 303 1st Natl. Bank Bldg., $20,710. Noted Nov. 13.

CONTRACTS AWARDED

Conn., New London—Repairs—Spec. 5048—Bureau Yards & Docks, Navy Dept., Wash., D. C., repairs to piers, here, to Thames Towboat Co., 224 Bank St., $2,688. Noted Dec. 4.

Mass., Rutland—Sand Filter—U. S. Engineer, Arlington Bldg., Wash., D. C., com-

Federal Government Work (Continued)

plete sand filter at U. S. Veterans Hospital 89, here, to J. A. Genereaux, Hook St., Southbridge, about $24,000.

Mass., South Boston (Sta. Boston)—Capstans—Spec. 5027—Bureau Yards & Docks, Navy Dept., Wash., D. C., motor driven capstans, here, to Maine Electric Co., 35 Connecticut St., Portland, Me., $23,500. Noted Dec. 4.

Mass., Worcester — Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling post office, here, to Cutler-Ross Co., 120 High St., Boston, $11,258. Noted Dec. 4.

R. I., Brenton Point—Addition—Coast Guard, Wash., D. C., alterations and additions to coast guard station, here, to R. Smith, 28 Bellevue Ave., Newport, $15,200. Noted Dec. 4.

Md., Annapolis—Wells—Spec. 5049—Bureau Yards & Docks, Navy Dept., Wash., D. C., artesian wells, here, to Artesian Well Drilling Co., Aramingo and Girard Aves., Phila., Pa., $13,700 (120 days). Noted Dec. 4.

Ind., Rochester—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., constructing post office, here, to C. Clifton, 231 East River St., Peru, Ind., $43,366.

Unclassified

PROPOSED WORK

Athletic Field, etc.—Swampscott, Mass.—Bd. Selectmen, plans athletic field, playground, concrete bleachers, etc., on high school grounds. $25,000.

Grand Stand—Fredonia, N. Y.—Chautauqua Co. Agricultural Assn. having plans prepared by Osborn Eng. Co., 7016 Euclid Ave., Cleveland, O., for grand stand. To exceed $25,000.

Athletic Field — Beaver Falls, Pa. — Geneva College will build athletic field, concrete stands, tile drains, 5,000 capacity. Work will be done by separate contracts. $30,000. A. C. Edgecomb, Engineering Dept., Geneva College, engr.

Playground — New Orleans, La. — Play Ground Comn., A. J. Stallings, pres., City Hall, having plans prepared by R. DeBuys, Hibernia Bank Bldg., play ground, incl. swimming pool, gymnasium, tennis court, grand stand, etc., at Jefferson Davis Parkway, from Canal to St. Louis Sts. $50,000.

Central Heating Plant—Kenosha, Wis.—School Bd., E. F. Powers, secy., preparing preliminary plans brick and concrete heating plant. J. D. Chubb, 109 North Dearborn Ave., Chicago, Ill., archt. and engr.

Stadium—Milwaukee, Wis.—School Bd., c/o F. Harbach, secy., plans rein.-con. stadium, to be built on unit basis. $50,000. Van Ryn & De Gelleke, 114 Grand Ave., engr.

Tunnels — Kansas City, Mo. — See "Waterworks."

Power Development, etc.—Dryden, Wash.—Puget Sound Power & Light Co., Stuart Bldg., plans enlarging generating plant, here, increasing capacity of unit from 1,600 hp. to 3,100 hp., also enlarging power house, increasing canal capacity, installing concrete spillway, new penstock and additional generating equipment. $75,000.

Electric Development—Quebec, Que.—Quebec Tramways soon takes bids new electrical development.

BIDS DESIRED

Drill Tower—Lowell, Mass.—Pub. Buildings Dept., City Hall, taking bids. 6 story, brick, concrete and steel drill tower addition to Fletcher St. Engine House.

Heating and Ventilating Apparatus — Auburndale, N. Y.—Dec. 15, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, heating and ventilating apparatus in P. S. 130, 42nd Ave. from Cross Island Blvd. to 201st St., here, for Bd. Educ., 500 Park Ave., New York.

Playground—Brooklyn, N. Y.—Dec. 15, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., improving site for playground at P. S. 173, Pennsylvania and Glenmore Aves.

Athletic Field, etc.—New York, N. Y.—Dec. 18, by Park Bd., at office Dept. Parks Municipal Bldg., improving DeWitt Clinton athletic field, 52nd and 54th Sts. between 11th and 12th Aves.; also grading, etc., new footpath in Inwood Hill Park.

Playground — New York, N. Y. — See "Buildings—Commercial."

Prison Wall—Ossining, N. Y.—Dec. 23, by J. L. Long, supt. State Prisons, Albany, prison wall at Sing Sing, here; adv. E. N.-R. Dec. 11.

Swimming Pool — San Antonio, Tex. — Dec. 22, by I. Ewig, city engr., City Hall, rein.-con. swimming pool, etc., in Brackenridge Park. $25,000.

Swimming Pool—San Antonio, Tex.—J. W. Tobin, City Hall, mayor, taking bids 50 x 200 ft. swimming pool, on West Side. $25,000. I. Ewig, City Hall, engr.

Street Lighting System — Los Angeles, Calif. — Bd. Pub. Wks. taking bids 197 pressed steel standards on 8th St. between Figueroa and Vermont Aves., 137 on Western Ave. between Santa Barbara and Slauson Aves., 94 on Moneta Ave. between Florence and Manchester Aves., and 286 on Moneta Ave. between Main St. and Florentine Ave., also 10 concrete standards on Palm Grove Ave. To exceed $100,000.

BIDS RECEIVED

Steam Heating Apparatus — Brooklyn, N. Y.—Dept. Plants & Structures, Municipal Bldg., New York, steam heating apparatus in housing station on Delancey St., here, from Gillis & Gheoghegan, Inc., 537 West Bway., New York, $7,400; in housing station, Kent Ave., from P. F. Larkin, 331 East 55th St., New York, $4,625. Noted Nov. 27.

Alterations — New York, N. Y. — Bd. Transportation, 49 Lafayette St., Dec. 4, alterations to railroad structure on Routes 43 and 26, Sect. 1, to permit widening roadway East 41st St., Manhattan Boro., from D. Levy, 303 5th Ave., $4,033.

Waterproofing Tunnel—Trenton, N. J.—Mercer Co., waterproofing tunnel at Cadwalader Park where Delaware and Raritan Canal crosses Parkside Ave., from Grant & Driver, 56 McKinley Ave., $26,267. Noted Nov. 27.

Ferry Terminal, etc.—Algiers (New Orleans P. O.), **La.**—Algiers Pub. Serv. Inc., foot Canal St., new terminal, incl. covered arcade, piling steel bridge, etc., at Canal St. ferry landing, foot Morgan St., from T. O. Hotard, 235 LaVergne St., $72,300. Former bids rejected. Noted Oct. 30.

Street Lighting System—Alhambra, Calif.—Street lighting system on Main St., from J. C. Perry, Detwiler Bldg., Los Angeles, $98,828.

Street Lighting System — Los Angeles, Calif.—From Robertson Electric Co., Santa Ana, street lighting system in Orange Grove Ave. at $4,393, Pasadena Ave. $19,527, Mission St. $7,983.

Street Lighting System—Whittier, Calif.—Street lighting system in Hadley St., from Walker & Martin, 402 West Wilshire Ave., Fullerton, $57,000.

Heating, Plumbing, etc.—Three Rivers, Que.—See "Buildings—Commercial."

CONTRACTS AWARDED

Tunnel—Boston, Mass.—Transit Dept., 1 Beacon St., Sect. K, Dorchester Tunnel, 1,300 ft., rein.-con. and structural steel, near Dorchester Ave., Boston and Power Sts., to Coleman Bros., Inc., 245 State St., $969,530. Noted Dec. 4.

Steam Heating Apparatus — Brooklyn, N. Y.—Dept. Plants & Structures, Municipal Bldg., New York, steam heating apparatus in housing station on Kent Ave., here, to P. F. Larkin, 331 East 55th St., New York, $4,626.

Grain Elevator—Buffalo, N. Y.—Saskatchewan Co-operative Elevator Co., Regina, Sask., grain elevator, here, to Barnett-Record Co., 708 Flour Exch. Bldg., Minneapolis, Minn. Engrs. est. $800,000.

Steam Heating Apparatus — New York, N. Y.—Dept. Plants & Structures, Municipal Bldg., steam heating apparatus in housing station on Delancey St., to Gillis & Gheoghegan, 537 West Bway., $7,400.

Borings—New Jersey and New York—Port of New York Authority, 11 Bway., land and water borings along route between Perth Amboy, N. J., and Tottenville, N. Y., and between Elizabeth, N. J., and Howland Hook, N. Y., to Sweeney & Gray, 81 6th St., Long Island City. Noted Oct. 30 under "New York, N. Y."

Approaches—Jersey City, N. J.—New York State Bridge & Tunnel Comn. and New Jersey Interstate Bridge & Tunnel Comn., Room 3004 Woolworth Bldg., New York, approaches to vehicular tunnel, here, to Booth & Flinn, 17 Battery Pl., New York, $2,582,970.

Plumbing—Tampa, Fla.—See "Buildings-Commercial."

Foundation—Cleveland, O.—Childs Co., c/o E. Childs, 200 5th Ave., New York City, foundation for 2 story (ultimately 8 story) and basement, 66 x 280 ft., brick, steel and concrete, 647 Euclid Ave., to S. W. Emerson Co., 1836 Euclid Ave. Noted Oct. 23 under "Buildings—Commercial."

Pump Plant — Wichita, Kan. — Waite Phillips Oil Co., pumping plant, incl. equipment, to G. H. Seidhoff Constr. Co., Wichita, $30,000.

Material and Equipment

PROPOSED WORK

Pit and Equipment — Jefferson, Wis. — Jefferson Co., R. D. Royce, highway comr., plans to purchase pit in Milford Twp., also equipment.

Road Machinery—Stevens Point, Wis.—Portage Co., T. E. Cauley, highway comr., plans to purchase road machinery and 2 gravel crusher outfits. $10,000 appropriated.

Road Machinery — West Bend, Wis. — Washington Co., C. Johnson, highway comr., plans to purchase road machinery. $10,000 appropriated.

Pipe—Dallas, Tex.—M. G. James, city secy., soon takes bids 10,000 ft. 2 in., 5,000 ft. 1½ in., 5,000 ft. 1¼ in., 2,000 ft. 1 in., and 15,000 ft. ¾ in. galvanized pipe. $5,000. E. A. Kingsley, City Hall, engr.

Reinforcing Bars—Miami, Ariz.—Inspiration Consolidated Copper Co., soon takes bids 1,500 tons reinforcing bars for leaching plant. G. R. Booth, Miami, engr.

BIDS DESIRED

Tractor Snowplow—Gloucester, Mass.—Bd. Alderman in market for tractor snowplow. $5,000 bonds voted.

Fuel Oil—Jacksonville, Fla.—Dec. 22, by City Comn., fuel oil, about 30,000 bbl. per month, for light and water plants and other departments. H. B. Herlong, chn.

Dredge—Mobile, Ala.—State Docks Comn., in market for 20 in. suction dredge. $270,000. S. H. Hendrix, city clk.

Snow Plows and Road Rollers—Munising, La.—Alger Co. in market for 2 snow plows and 2 road rollers. T. N. Hannah, clk.

Tractor, etc.—Green Bay, Wis.—W. L. Kerr, city clk., taking bids 10 ton tractor, 2 snow plows, etc.

Mixer, etc.—St. Louis, Mo.—R. C. Stone Eng. Co., 320 Merchants Exch. Bldg., taking bids 1½ yd. Smith mixer with loader, also new saw rig, both band and cut-off saws.

Tractor—Hillsboro, Tex.—Dec. 22, by W. L. Wray, judge Hill Co., 1 or more caterpillar tractors. E. A. Jordan, engr.

Gravel Loader—San Antonio, Tex.—Dec. 22, by A. McCloskey, judge San Antonio Co., gravel loader for use in Commissioners Precinct 3.

Water Softener—Lawton, Okla.—Southwestern Light & Power Co., Lawton, in market for new water softener to treat 120,000 gal. raw water per 24 hrs.

Piling—Sacramento, Calif.—L. F. Starks, archt., 1010½ 8th St., taking bids 400 to 500 rein.-con. cast piling 25 to 35 ft. long, for Elks Club House.

Scows—Ottawa, Ont.—Dec. 30, by S. E. O'Brien, secy. Dept. Pub. Wks., constructing and delivering two 300 yd. steel hopper scows at any open sea port in Maritime Provinces.

Automatic Control Equipment—London, Ont. — Utilities Comn., E. V. Buchanan, genl. mgr., wants prices automatic control equipment for substations. $36,000.

BIDS RECEIVED

Sand—Long Island City, N. Y.—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., Dec. 3, 15,000 cu.yd. sand, from G. B. Clark, $1.50 for all items.

Asphalt Sand, etc. — Phila., Pa. — See "Streets and Roads."

CONTRACTS AWARDED

Holt Tractor — Boston, Mass. — Supply Dept., City Hall, one 10 ton Holt tractor, for Park Dept., to Dyar Sales & Mchy. Co., Cambridge, $6,540, f.o.b. Boston.

Snow Plow — Boston, Mass. — Supply Dept., City Hall, one Snow King rotary snow plow for Park Dept., to Rotary Snow Plow Co., 529 2nd Ave., South Minneapolis, Minn., $3,000, f.o.b. Minneapolis.

Asphaltic Cement — Long Island City, N. Y.—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., 300 tons asphaltic cement, to Warner-Quinlan Co., 79 Wall St., New York, $23.96 per ton. Noted Dec. 4.

Roller—Trenton, N. J.—Freeholders Mercer Co., Huber gasoline roller, to Loder & Sharp, 10 South 18th St., Phila., Pa., $5,815. Noted Nov. 27.

Street Signs—Nashville, Tenn.—Bd. Pub. Wks., metal street signs, to Municipal Street Sign Co., 296 Bway., New York City, N. Y., approximately $5,000.

Pipe—Dallas, Tex.—To U. S. Cast Iron Pipe Co., Magnolia Bldg., 30 tons 36 in. Class B, Bell & Spigot pipe $54 per ton, and 6 tons 24 in. sleeves $122. Noted Nov. 27.

Turbine Generator Unit—Greenville, Tex.—J. O. Willman, city secy., 1,250 kw. 80% turbine generator unit, 3,600 r.p.m., 3 phase, 60 cycle, 2,300 volt current with exciter, switchboard and condenser, to J. U. Jones, West Ind. Bldg., Dallas, $52,000.

Power House Equipment, etc. — Sacramento, Calif. — Supervs. Sacramento Co. power house equipment at hospital, to Latourette-Fiscal Co., 907 Front St., $69,000; and laundry equipment, to Amer. Laundry Mchy. Co., 5th and Howard Sts., San Francisco, $24,847.